

gctacagcgt	acacagccac	caggggtgcc	cccacaagcc	cagtaagtaa	gaacccccag	1740
ttgcttttct	gcaaactgtt	gacttcaaaa	cttgcaggta	gaacatgtct	tgactgactt	1800
tcttctttaa	gtgtttctag	gggtatacct	cctcctccct	ccatcgcgag		1850

<210> 7889  
 <211> 1109  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (144)...(446)  
 <223> similar to gi2649424 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7889	
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tcagcttcag	cccggagccc acgctcgagg acatccgccg cctccatgct gaggtttctg 180
cggaacgaga	ctgggaacag ttccatcagc ctcggaatct cctcctggcc ttggttgggg 240
aagtggggga	gctggcagaa ctctttcagt ggaaaaccga tggggaacct ggcccccaag 300
gctggtcccc	cagggaaacgg gcagcccttc aagaggagct tagtgacgtc ctcatctacc 360
tggtggcatt	agcagcccg cgtccgtgtgg atctgccgct agcagtgctc tccaaaatgg 420
acatcaaccg	gcgacgctac ccagcccac tggcccgag ctcttcccgc aagtatacag 480
aattgcccc	tggggccatc tctgaagacc aggctgtggg gcctgcggac attccctgtg 540
actccacagg	ccagacctca acctagaaag atggccacag gacttgcaac tcagggtggg 600
gtctgaagag	cagagagtgg cctggccctg gaggcctttt ctagtctttt cagaatagat 660
catgggcctg	aggcctccac ttcttgagggt ctgaggccca gcagcctcta gaaggtagcc 720
tcctggtggt	tgttctccca gtaaaatggt tttgggcgat aacttctaga ttattcctgg 780
atggccaggg	aggctctctg tctcagcagg tgatgacggg ggtaccaggg gtgcctctga 840
gacccattct	cgtgtttccc tggtgtacct tttgcctgca gggcagagag atctgggttc 900
tagcaaattc	ccagtaggat gtcagtgaag ttcttcccc ctcttagaga ttgaaggctg 960
taagagtcca	gatggtggag ccaggctgtc tgggttcaaa tgccatcttt gacacttgca 1020
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aaaagaatag	tacctgcccc aaaaaaaaaa 1109

<210> 7890  
 <211> 1181  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (141)...(926)  
 <223> similar to gi220030 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

09483725.012100

<400> 7890

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tcttccgtgg	agttaagggc	tccgtggaca	tctcaggtct	tcagggtcct	ccatctggaa	120
ctatataaag	ttcagaaaac	atgtctcgaa	gatatgactc	caggaccact	atattttctc	180
cagaaggtcg	cttataccaa	gttgaatatg	ccatggaagc	tattggacat	gcaggcacct	240
gtttgggaat	tttagcaaat	gatggtgttt	tgcttgacgc	agagagacgc	aacatccaca	300
agcttcttga	tgaagtcttt	ttttctgaaa	aaatttataa	actcaatgag	gacatggctt	360
gcagtgtggc	aggcataact	tctgatgcta	atgttctgac	taatgaacta	aggctcattg	420
ctcaaaggta	tttattacag	tatcaggagc	caataccttg	tgagcagttg	gttacagcgc	480
tgtgtgatat	caaacaagct	tatacacaat	ttggaggaaa	acgtcccttt	ggtgtttcat	540
tgctgtacat	tggtgtggat	aagcactatg	gctttcagct	ctatcagagt	gaccctagt	600
gaaattacgg	gggatggaag	gccacatgca	ttggaaataa	tagcgtgca	gctgtgtcaa	660
tggtgaaaca	agactataaa	gaaggagaaa	tgaccttgaa	gtcagcactt	gcttttagcta	720
tcaaagtact	aaataagacc	atggatgtta	gtaaactctc	tgctgaaaaa	gtggaaattg	780
caacactaac	aagagagaat	ggaaagacag	taatcagagt	tctcaaaca	aaagaagtgg	840
agcagttgat	caaaaaacac	gaggaagaag	aagccaaagc	tgagcgtgag	aagaaagaaa	900
aagaacagaa	agaaaaggat	aaatagaatc	agagatttta	ttactcattt	ggggcaccat	960
ttcagtgtaa	aagcagtcct	actcttccac	actaggaagg	ctttactttt	tttaactggt	1020
gcagtgggaa	aataggacat	tacatactga	attgggtcct	tgctcatttt	gtccaattga	1080
atactttatt	gtaacgatga	tggttaccct	tcatggacgt	cttaatcttc	cacacacatc	1140
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<210> 7891

<211> 1513

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (36)...(1234)

<223> similar to gi4884282 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7891

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cagagaaggt	aaaactttct	cttcggaatt	tcccacataa	tgattatgag	gatgtttttg	180
aagagccttc	agaaagtggc	agtgatccca	gcatgtggac	agccagaggc	cccttcagaa	240
gagacaggtg	gagcagtgag	gatgaggagg	ctgcaggggc	atcacaggct	ctctcccctc	300
tactttctga	tacgcgcaaa	attgtttctg	aaggagaact	agatcagttg	gctcagattc	360
ggccattaat	attcaatttt	catgagcaga	cagccatcaa	ggattgtttg	aaaatccttg	420
aggaaaaaac	agcagcgtat	gatatcatgc	aggaatttat	ggcttttagaa	cttaagaatc	480
tgcttgggtg	gtttctactc	gggaatcaac	caagcaacag	agaaaaaac	agataaccgag	540
atattcttcc	atatgattca	acacgcgttc	ctcttggaag	aagcaaggac	tacatcaatg	600
ctagttatat	tagaatagtc	aattgtggag	aagagtattt	ttatatcgct	actcaaggac	660
cactgctgag	caccatagat	gacttttggc	aaatggtgtt	ggaaaataat	tcaaagtgtta	720



ttgccatgat	aaccagagag	atggaagggtg	gaattatcaa	atgctaccat	tactggccca	780
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tacttcaata	tttcatcatt	cgaatgtttc	aagttgtgga	gaagtccacg	ggaactagtc	900
actctgtaaa	acagttgcag	ttcaccaagt	ggccagacca	tggcactcct	gcctcagcag	960
atagcttcat	aaaatatatt	cgttatgcaa	ggaagagcca	ccttacagga	cccatgggtg	1020
ttcactgcag	tgccggcata	ggccggacag	gggtgttcct	atgtgtggat	gtcgtgttct	1080
gtgccatcgt	aaaggactgt	tcattcaaca	tcattggatat	agtggcccaa	atgagagAAC	1140
aacgttcttg	catggttcaa	acgaaggagc	agtatcactt	ttgttacgat	attgtgcttg	1200
aagttcttctg	gaaacttctg	actttggatt	aagaaagact	tctgttgctt	ctcacttgaa	1260
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gaagggcaat	atcatttggc	ttgggggtgat	cagtgtttac	ttattgatct	tgctagacaa	1440
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tggtctatttg	gtg					1513

<210> 7892  
 <211> 1124  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1055)...(732)  
 <223> similar to gi34659 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7892						
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aaacctctctg	ctctaacaca	gaggggaaaca	ctgcataatt	aacattaaac	aaggcagtat	120
gccttacaag	aaagacataa	aatgtccaag	ggatatttag	aacatttttag	ttcttaaagc	180
ttcaacatga	gaaatgttga	ccacacactg	tgaatcatt	tcaataaata	acaactgaca	240
ttcatcttta	cagttacaaa	atagacacac	atacatttcc	ctgccgtcac	attgatctta	300
ctggccattt	tcttggattc	ctcagcctct	atcacagtgg	ctgacatgtg	atatgtcatc	360
acgaagaaat	attaacaaat	gactagagaa	tatctgcaaa	ccttctatct	tcaaattaaa	420
tatgaatcag	gattgaacta	acttgggttt	gacctaaaat	aaacaataaa	tataatggga	480
gagtgtgcaa	gtagattcaa	tcataacctt	attttacaca	taaaatatta	acatagaatc	540
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atgctcaaac	acattaggcg	caatccagggt	ggcctctgca	gctgtgtctc	tctttcctct	660
tctgttctctg	taagggcagg	gcctccttca	ggaacagcca	ccaataagct	tcctccttcc	720
ttctgggtcag	ttggatttgc	cattttttcag	catcttttctg	atgattttct	taaccatggg	780
cgatgcgggg	ttgagacaag	ctttctgccc	attctttagt	gtggctatga	cttcgggtttg	840
ggcgagtggtg	ggctcggggg	acttcacctt	cacacttttg	atgttcttga	gggtgaattcc	900
ctgcagggtc	tgcaagcact	ggcagcgag	ttcagtggcc	aggggagctc	ctgctgcgcg	960
ccggctggcg	gccaccagga	gcaggagcag	cagcgccact	cgcaggagcc	ggggattgct	1020
gggggagggc	gagagcgtgg	cgcgggccat	ggggctcagc	agggcggttcg	agcggtctgtg	1080
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[illegible]

<400>	7893						
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agtag	tgaatcaact	tcacaattag	taagattatc	aacatgaata	caaaagcaag		120
aaact	gattattttc	ttttggagat	gttttatgat	caattccaaa	catacagtac		180
aggtg	aatgagtaa	gaaaaaaaaa	tcatatttaa	gtccccgtta	acactaagcc		240
cattca	aatgtgttt	caaaatactc	agccagatca	ccaaatctca	gtcactacct		300
tataat	attcactaag	aaaatagtca	agcaacagaa	atccattgtg	agacaccatc		360
gagaac	agctacactg	ctatatataa	tttattaact	tagtagttta	gtttctcaat		420
cgcaag	tttaaaaatt	accattacca	ttggtttata	gtgccattaa	tataaatcca		480
ctcaa	gtcatcttc	ctttcactgt	gaactaagac	ttcttaaaaag	atagttgtgg		540
rggaac	agtaatgact	gtagctgatg	ggcagtgttc	aaagccaaa	agactggcaa		600
rgaaag	gcatacacta	tacatacaca	cactctcagt	atactactgt	tccccttatt		660
ctgtac	attcttgtct	gaaaagatgg	tataaattat	tcccttaa	ttgaaaaaac		720
agatg	aatacatttt	catcttcatt	tcaaaattat	ccttctaa	aaaaaagttc		780
ggttg	ttaaatctgt	tcaaaagttg	gatttaaata	ctttcttcac	aacatgtaca		840
ctcac	ccttactgcc	tcattacaat	cagtttgga	ataagacctc	cagtgtttta		900
aatgg	cattcaatag	attataagat	tgttaa	gcatttcaat	cattcttacc		960
gaatt	ataacaaagt	ccaaaaaa	gtatgactat	tcatcaacac	ccttggaacc		1020
tattat	tgcaataat	ctcacacgtg	catgtaatcc	aaacataaac	ttcgtgggag		1080
gtgta	aaataaatac	tatggtat	cttcaattct	atttaatgct	gcctagctgg		1140
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gtgaat	gaaattgcta	aatagagga	taactgttaa	gcaattta	caaatataaa		1320
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tccaa	gtatgttata	ctttatgtag	cacagtaaaa	ttattttaagt	attactaatg		1560
tttgc	atttgtat	agatatacac	ataattatat	atgcataatca	aaaactataa		1620
tattt	aaaacacttt	tatctcaatt	ggggaaagtt	aacaggtaag	acaaaactac		1680
acaga	atTTTTtagg	atatctaaac	tcaaggtaaa	accaatagaa	aacatttcta		1740
ttagt	aatggcttg	tgtgaaacct	caagctctcc	ctcatttttt	ttacagatgg		1800
gtctga	tgaggattgt	gatccaatga	ttgttttagca	gcaattttac	caaaactgta		1860
tttta	ttaacaggca	ttataaacag	ataatactaa	tcttatttta	aaacatgag		1920
actcg	gtgaatatac	agcttatgaa	taacttaaaa	agtatttccc	attttaaaag		1980
cccag	catacaaaaa	ctatactaa	acaaaagaagc	tataatatgg	atacatgatt		2040
gtcta	aatgatata	tacagtacat	aatgttaatt	atatgatcag	tacatttttc		2100
gattcc	cttcagtgtt	cactttcccc	agaaaactgaa	ttctgtactt	cctcttctaa		2160

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cagcactgcc gtcccctccg ccatagacct agtgccagcg tctaggcggc tggagtcgga 2820
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<210> 7894
<211> 869
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (852)...(151)
<223> similar to gi33702 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7894
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ctcccggtgg tgggggttaga gttgggaacc tatgaacatt ctgtaggggc cactgtcttc 180
tccacggtgc tcccttcatg cgtgacctgg cagctgtagc ttctgtggga cttccactgc 240
tcgggcgtca ggctcaggta gctgctggcc gcgtacttgt tgttgctctg tttggagggt 300
ttggtggtct ccaactccgc cttgacgggg ctgccatctg ccttccaggc cactgtcaca 360
gtccccgggt agaagtcact gatcagacac actagtgtgg ccttggtggc ttggagctcc 420
tcagaggagg gcgggaacag agtgacagtg gggttggcct tgggctgacc taggacggtg 480
accttgggtc cagttccgaa gacataagag gcagtgtctg tgtcccacgc ctgacagtaa 540
tagtcagcct catccatagc ctgggtcccg ctgatggtca gggaggccgt gttgccagag 600
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agcacagggg actggcctgg cttctgctga taccagcaag tagataaatc cccaattta 720
tctccagagc aggtgatgct ggctgtctgt cctggggaca cggacactga ggggtggctga 780
gtcagctcat aggaggccac ggatcctgtg cagtaagcaa ggacgccgag gaagagaggg 840
atccatgcca tggctgaggc acctccgat 869

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```

<210> 7895
<211> 3807
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (28)...(3022)  
 <223> similar to gi406868 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7895

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cccgcgggct	gccggggcgt	ggaagagacc	ctcatggaca	caaaatgggt	aacatctgag	180
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actgtgcgtg	actgcaacag	catccccaac	atccccggct	cctgcaagga	gaccttcaac	420
ctctttctact	acgaggctga	cagcgatgtg	gcctcagcct	cctccccctt	ctggatggag	480
aaccocctacg	tgaaagtgga	caccattgca	cccgatgaga	gcttctcgcg	gctggatgcc	540
ggcgcgtgtca	acaccaaggt	gcgcagcttt	gggccacttt	ccaaggctgg	cttctacctg	600
gccttccagg	accaggggcg	ctgcatgtcg	ctcatctccg	tgcgcgccct	ctacaagaag	660
tgtgcatcca	ccaccgcagg	cttcgcactc	ttccccgaga	ccctcactgg	ggcggagccc	720
acctcgcgtg	tcattgctcc	tggcacctgc	atccctaacg	ccgtggagggt	gtcgggtgcca	780
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gaaacctcac	tgatcctcga	gtggagttag	ccccgggacc	tgggtgtccg	ggatgacctc	1140
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tcctggggcac	ccccagagcg	gcccacggga	gtcatcctgg	actacgagat	gaagtacttt	1500
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ctggactgct	gggtgcggga	ccggaacctc	aggcccaaat	tctcccagat	tgtcaatacc	2700
ctggacaagc	tcattccgca	tgctgccagc	ctcaaggcca	ttgccagcgc	tcagtctggc	2760
atgtcacagc	ccctcctgga	ccgcacgggc	ccagattaca	caaccttcac	gacagttggg	2820

gattggctgg	atgccatcaa	gatggggcgg	tacaaggaga	gcttcgtcag	tgcggggttt	2880
gcatcttttg	acctggtggc	ccagatgacg	gcagaagacc	tgctccgtat	tggggtcacc	2940
ctggccggcc	accagaagaa	gatcctgagc	agtatccagg	acatgcggct	gcagatgaac	3000
cagacgctgc	ctgtgcaggt	ctgacaccgg	ctcccacggg	gaccctgagg	accgtgcagg	3060
gatgccaagc	agccggctgg	actttcggac	tcttggaactt	ttggatgcct	ggccttaggc	3120
tgtggcccag	aagctggaag	tttgggaaa	gcccagctg	ggacttctcc	aggcctgtgt	3180
tccctcccca	ggaagtgcgc	cccaaacctc	ttcatattga	agatggatta	ggagaggggg	3240
tgatgacccc	tcccaagcc	cctcagggcc	cagaccttcc	tgctctccag	caggggatcc	3300
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taagccgggg	ttccacagg	cccagccctg	gcaggggtct	ggccccccag	gtaggcggag	3420
agcagtcctt	ccctcaggaa	ctggaggagg	ggactccagg	aatggggaaa	tgtgacacca	3480
ccatcctgaa	gccagcttgc	acctccagtt	tgcacaggga	tttgttctgg	gggctgaggg	3540
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agttgccctt	tgccccccag	agactgactc	tcagagccag	agatgggatg	tgtgagtgtg	3660
tgtgtgtgtg	tgcgcgcgcg	cgtgtgtgtg	tgacgcact	ggcctgcaca	gagagcatgg	3720
gtgagcgtgt	aaaagcttgg	ccctgtgccc	tacaatgggg	ccagctgggc	cgacagcaga	3780
ataaaggcaa	taagatgaaa	aaaaaaa				3807

<210> 7896

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (540)...(695)

<223> similar to gi4200330 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7896

cctggagacc	cctcgagatc	actggcagtg	tggtggaatt	cgtcagagca	agaactggac	60
agcgtggcca	tgaagctcct	tcaccaagta	agcaagctgt	gtgggaagtg	cagccccact	120
gacgtggaca	tccctgcagcc	ctccttcaac	ttcctgtatt	ggagccttca	tcagaccaca	180
cccagcagtc	agaaaagagg	tgcaaggggcc	cgggctggga	cagtgaagag	tgctgggcag	240
tctgtggtec	tctgtatctc	aactttttca	tcttaaaaaa	acaaataggg	ttgtgtgtgt	300
ggctggtggt	cataaggctc	tttctggctc	taataacctg	agcttctgtt	atgaagctgg	360
gacccttaga	gcctcaggat	gacccctctgt	ttgtttgtga	agccccaatc	aggtgctaag	420
caccatagtg	gcacttagct	gaagctcctc	tgtaactcct	gtggggccctg	ccttgcccac	480
ccccgacagc	tgctgcagtg	ctcctgagca	gcacaggcct	gatggagctt	ctggagaaga	540
tgctggccct	caccttggca	aaggcagatt	ctcccaggac	tgactcctc	tgctctgcct	600
ggctgctcac	tgccctcttc	tctgcccagc	agcacaaggg	cagtttgcag	aaggacctc	660
tattgtccca	ggcctgtgtt	ggctgcctgg	aggccttgct	tgactacctg	gatgcccgga	720
gccagacat	tggtagaaac	tctccacatt	atctgatgtt	cccatgagag	agattagagg	780
gagcaacacc	cttccaccct	cctgctccag	ccttccattc	ccttgtgtga	ctcatacttg	840
ttttgtttta	ttcttttagc	agcactgcaa	gggcagtcac	gcccattata	cagatgggat	900
caataagggt	cagatagggt	aaatgatgtg	cccaaccaag	gtcacaatgc	tcttaagtgg	960
cagagccctt	c					971

<210> 7897  
 <211> 1611  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1589)...(839)  
 <223> similar to gi5730480 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7897

atgcatgatt	tacaaagttt	tggagacccc	ctggtctgag	gcccaccctc	cagcacctct	60
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cgtgtcctaa	ttctggcatg	ccatcctctc	acatcgcatc	caaccagag	gacgcaaat	180
gaatgtctag	catgtttact	aaaacagtgt	ctctacaata	aacacagcag	gccaacatgt	240
atagctttta	tttacctacc	caagttcctt	ttacatgtga	gttatctgca	ttccaccttg	300
ccccctctcc	caggatgaat	cctcttggca	cagaggaagg	ggtgccccct	caactagggc	360
cagagcctag	atgacctggt	ggatccccc	ccatgaaaa	agcaggaagg	gaatggagaa	420
gaaaagtgtt	gatcacacct	agccctcacc	acaggagggg	gaatgaagag	gtctggggga	480
ctgcccccat	gctatgcccc	agtccttaaa	tacaaagcaa	ggagaatgaa	aaggaccctc	540
cctctgaaat	acagcaccca	cctcagcatg	gaggcaaaag	gacagtgggc	aagaccacgt	600
ccctccgaag	ggagagggct	gaaggagagc	acataccgtt	agtggctgog	gcaccctctc	660
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cagcactgtg	ccatccactc	ctccctgaac	ccctggcccc	agcacaggca	ttcctctgcc	780
cactagccca	agtcagggga	tgtggaagaa	actgtgttgg	aatccaaggc	ccttatctat	840
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agccccacac	aggcaaaatg	gaaccactca	atggaacaat	caggggtgtc	acagccaatc	960
atctctccat	aggagacctg	gtgacaaagg	caataggtgg	gttcgttggg	atccacaggc	1020
atatccaaca	catcagaggg	gtggacactg	ccaaaggtca	ctgagggcat	cccatactca	1080
ggacttgtgc	gcacgagctt	taacttcttc	tgggcagtct	tgggggcttc	ttcatccgag	1140
tttttccctt	tggaacgagc	acgagcagct	ttcttctcct	tttgagtccg	gcctttcttt	1200
ttgcctttgc	tggaagagct	gtcatagtca	cttgactcaa	tctgtttctc	cttgagatca	1260
gcctcaaaac	gggccaggtc	tgtgtccagc	cgccgaatgt	gtttgtccac	catctcatag	1320
gtctgcatgg	caagctgcac	cttgtcgtca	ccaaattcct	tgcacttgcc	ataggcttcc	1380
tggatctggt	tgagaagggc	caatttttcc	tggagctca	ggctgcgggc	actactcata	1440
tactcagtgg	ccaacttgtc	aatttcagcc	ttcaggtcct	ctgttctttg	gtctaggtcc	1500
ctcatgagct	gaaagtttct	ctgtaattca	aaggaaggt	tttcaatact	gtccagataa	1560
tgttccaaat	acatccccgc	agccatctcg	aagcaaaaca	aagcaacttc	c	1611

<210> 7898  
 <211> 2759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (279)...(2147)

<223> similar to gi5834600 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7898

tcgcgatcta	gaactagtcg	cggcgcggct	gcggcctttgc	ctcggcgcga	cagggaaaat	60
aaaagaagca	aaaacaggcc	ctgctgtgag	ggaccacgag	gcagtgccag	gatgaaagag	120
ttggagtaac	ctaggtgatt	ctgagtgaat	cagtcaggag	gccttcctgg	agggggctga	180
ggccccagct	tgtggccacc	acaacgtatc	aagctatctc	cagggttggg	ctcaggactc	240
agagctgacg	cagctggggg	gcccccttgg	tctggaggat	gaggctcctc	cgcagacgcc	300
acatgcccc	gcgcctggcc	atgggtgggct	gcgcctttgt	gctcttcctc	ttcctcctgc	360
atagggatgt	gagcagcaga	gaggaggcca	cagagaagcc	gtggctgaag	tccctggtga	420
gccggaagga	tcacgtcctg	gacctcatgc	tggaggccat	gaacaacctt	agagattcaa	480
tgcccaagct	ccaaatcagg	gctccagaag	cccagcagac	tctgttctcc	ataaatcagt	540
cctgcctccc	tgggttctat	accccagctg	aactgaagcc	cttctgggaa	cggccaccac	600
aggaccccaa	tgcccctggg	gcagatggaa	aagcatttca	gaagagcaag	tggaccccc	660
tggagaccca	ggaaaaggaa	gaaggctata	agaagcactg	tttcaatgcc	tttgccagcg	720
accgatctc	cctgcagagg	tccctggggc	cagacacccg	accacctgag	tgtgtggacc	780
agaagttccg	gcgctgcccc	ccactggcca	ccaccagcgt	gatcattgtg	ttccacaacg	840
aagcctggtc	cacactgctg	cgaacagtgt	acagcgctct	acacaccacc	cctgccatct	900
tgctcaagga	gatacactg	gtggatgatg	ccagcacaga	ggagcaccta	aaggagaagc	960
tggagcagta	cgtgaagcag	ctgcagggtg	tgagggtggg	gcggcaggag	gagcggaagg	1020
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aggacaagac	agtgggtggg	agcccagaca	tcgtcaccat	cgaccttaat	acttttgagt	1200
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ccatcaaate	cccagcgttt	gctggtggcc	tcttctccat	ctccaagtcc	tactttgagc	1380
acatcggtag	ctatgataat	cagatggaga	tctggggagg	ggagaacgtg	gaaatgtcct	1440
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tgttcgggac	caagagcccc	cacaccttcc	ccaagggcac	tagtgtcatt	gctcgcaatc	1560
aagtgcgcct	ggcagaggtc	tggatggaca	gctacaagaa	gattttctat	aggagaaatc	1620
tgcaggcagc	aaagatggcc	caagagaaat	ccttcggtga	catttcggaa	cgactgcagc	1680
tgagggaaca	actgcaactgt	cacaactttt	cctggtacct	gcacaatgtc	taccagaga	1740
tgtttgttcc	tgacctgacg	cccaccttct	atggtgccat	caagaacctc	ggcaccaacc	1800
aatgcctgga	tgtgggtgag	aacaaccgcg	gggggaagcc	cctcatcatg	tactcctgcc	1860
acggccttgg	cggcaaccag	tactttgagt	acacaactca	gagggacctt	cgccacaaca	1920
tcgcaaagca	gctgtgtcta	catgtcagca	aggtgtctct	gggccttggg	agctgtcact	1980
tactggcaa	gaatagccag	gtccccaagg	acgaggaatg	ggaattggcc	caggatcagc	2040
tcatcaggaa	ctcaggatct	ggtacctgcc	tgacatccca	ggacaaaaag	ccagccatgg	2100
ccccctgcaa	tcccagtgac	ccccatcagt	tgtggctctt	tgtctaggac	ccagatcatc	2160
cccagagaga	gccccacaaa	gctcctcagg	aaacaggatt	gctgatgtct	gggaacctga	2220
tcaccagctt	ctctggaggc	cgtaaagatg	gattttctaaa	cccactgggt	ggcaaggcag	2280
gaccttccta	atccttgcaa	caacattggg	cccattttct	ttccttcaca	ccgatggaag	2340
agaccattag	gacatatatt	tagcctagcg	ttttcctgtt	ctagaaatag	aggctcccaa	2400
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tcaggctggg	cacagtggct	catgcctgaa	atcctagcac	tttgggaaga	caatgtggga	2520
gaatggcttg	agcccaggag	ttcaagaccg	gcctgagcaa	catagtgagg	atcccatctc	2580
tacgcccacc	ctcccccccg	caaaaaaaaa	agctgggtat	gggggcttat	gcctgtagtc	2640
gcagctactc	aaaaggctga	ggtgggagga	ttgcttggtc	cccgagggtt	gaagctacag	2700
tgagccttga	ttgtgtcact	gcactccagc	ctgggcaaca	ggtaagactc	tgtctcaaaa	2759

<210> 7899  
 <211> 2050  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (101)...(237)  
 <223> similar to gi2829147 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

004407.01.00

<400> 7899  
 acaacgcagc tccgccctcg caaaggcaca gcgcggggcgc aggcgcccag aggcgcacgg 60  
 gagacctcag gccagactc cactccccag ctgtgaaagg actgctggcc agacccccaa 120  
 gctagcccgc caggcctcca tagagctgcc cagcatggct gcatccagta ccaagagttg 180  
 gtgggagacg ggtgaggtag aggcctcagtc tgcggccaag actccgtcct gcaaggtaag 240  
 gtccccctcca ggggcaaggc tgggctgcag agccagcact ggggagttta gtagcaggcc 300  
 aggtttcctt gttaagacaa gcgtgggact gtccaggatg aatgtgggca gacagaacct 360  
 tgagggtattg cagtaggggt gggttcaccc ttgctgggtg agaaggctgt gttgtccgag 420  
 tggagggtgga tggcaccttt attccgttcc ctgcttcttc cactgggatc gcacagaaaa 480  
 agttttggta ggcagatccc agggcccctg gccaggtaag gcaaggcagg agagaagggc 540  
 ccagggttc tactcccaa gatccagggg tctgcccttg tgacataccc ttctgctgcc 600  
 cccaggatat tgtggctgga gacatgagca agaaaagcct ctgggagcag aagggaggct 660  
 ccaagacctc atcaacaatt aagctgcaaa ccaccaagg tgaagtcac tttagcctct 720  
 ggagtcagcc tgactggggt gaaccattg atatgtattg cataaatgaa catatgacag 780  
 tagtgatgaa ggatctccag ctatccgtgt actctctatg cttcccagac tctttggcag 840  
 ttgcaactggg tactggctga gttctggaaa acaggaatgt gagcagagtg ctgcagatct 900  
 ccttgctcagg agcacctaag aactggcatg actctacacc ctctctcctt ctgcaatgac 960  
 ctgctgtcaa gatggcagac ccgcagagat gaatgtgcct ggatacctga gtcaccaggt 1020  
 ggaggaaact ccattgaca tgcatacac tccacatatg aaaccttct ttttctgcac 1080  
 tgtcaactggg gttagggatt attactcact gcaacttagc ctagcattaa gttgcttgac 1140  
 taatacaagt ttcaataaat gtgcgttcat ttcccatggc ttttgactga atgctgtgca 1200  
 atatccacaa accatccaga ttgtggttta taaataccac ctttactaa aaggactcag 1260  
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 agtgctgtgt ggtgccagaa agcaaggaag catttaaaaa atgacaggga catgtcaaag 1380  
 gacacatcaa tcaacttcaa ggggcttcca ctggccaaat ctgggatgat gtgagcatcc 1440  
 aaattaataa tgataatggt agattatagt ctattgaata aaatgagaac ctataactat 1500  
 agaaagaaaag aaaagggaag gaagaaaaga aagaagaaga gagggaggga gggagagagg 1560  
 gagggaggga cggaggagg gaagaaggaa gaagacttct ttacggtaga atgccaatga 1620  
 ataaatacag aggaataat agaaaactcc atttgcaaac atgatacata tagttttattc 1680  
 aaggaagaat catcactgag tgaaaattta agaaggtaaa gtatgttttc attgtctcat 1740  
 agcacttcca ctcatatggt ttattaattg caaagagaaa aagtggtaac ttaacagtag 1800  
 agaaacccag caggctcctc cttaatgagc tgaacaaagt taacaacacc aggaatagga 1860  
 caaatgggtg ccaagtgtct cttgatgtga tacactgaga acacagcatt gcttctgtag 1920  
 cattccggtc cctggaggaa acatcagaca aacacagatg gagggacctt caaggactga 1980  
 cctgaactgt tcttcggtgt caaccccatg atagacaaaa agaggcagag gaactgttcc 2040  
 agattaaggg 2050

<210> 7900



<211> 1876  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (99)...(1183)  
 <223> similar to gi4335933 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7900

ggcggaattc	ggactgcagc	tgtggggaga	tttcagtgc	ttgcctcccc	tgggtgctct	60
tcatcttgga	tttgaaagtt	gagagcagca	tgttttgccc	actgaaactc	atcctgctgc	120
cagtgttact	ggattattcc	ttgggcctga	atgacttgaa	tgtttccccg	cctgagctaa	180
cagtccatgt	gggtgattca	gctctgatgg	gatgtgtttt	ccagagcaca	gaagacaaat	240
gtatattcaa	gatagactgg	actctgtcac	caggagagca	cgccaaggac	gaatatgtgc	300
tatactatta	ctccaatctc	agtgtgccta	ttgggcgctt	ccagaaccgc	gtacacttga	360
tgggggacat	cttatgcaat	gatggctctc	tcctgctcca	agatgtgcaa	gaggctgacc	420
agggaaaccta	tatctgtgaa	atccgcctca	aaggggagag	ccaggtgttc	aagaaggcgg	480
tggtagtgc	tgtgcttcca	gaggagccca	aagagctcat	ggtccatgtg	ggtggattga	540
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tattttcagg	acggcgcgca	aaggaggaga	ttgtatttcg	ttactaccac	aaactcagga	660
tgtctgtgga	gtactcccag	agctggggcc	acttccagaa	tcgtgtgaac	ctggtggggg	720
acattttccg	caatgacggt	tccatcatgc	ttcaaggagt	gagggagtca	gatggaggaa	780
actacacctg	cagtatccac	ctagggaacc	tgggtgtcaa	gaaaaccatt	gtgctgcatg	840
tcagcccgga	agagcctcga	acactgggtga	ccccggcagc	cctgaggcct	ctggtccttg	900
gtggtaatca	gttgggtgatc	attgtgggaa	ttgtctgtgc	cacaatcctg	ctgctccctg	960
ttctgatatt	gatcgtgaag	aagacctgtg	gaaataagag	ttcagtgaat	tctacagtct	1020
tggtagaaga	cacgaagaag	actaatccag	agataaaaga	aaaaccctgc	cattttgaaa	1080
gatgtgaagg	ggagaaacac	atttactccc	caataattgt	acgggaggtg	atcgagggaag	1140
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agcaagcctt	ttgagaagaa	tggagagtcc	cttcatctca	gcagcggggg	agactctctc	1320
ctgtgtgtgt	cctggggccac	tctaccagtg	atttcagact	cccgtctctc	cagctgtcct	1380
cctgtctcat	tgttttgtca	atacactgaa	gatggagaat	ttggagcctg	gcagagagac	1440
tggacagctc	tggaggaaca	ggcctgctga	ggggaggggg	gcatggactt	ggcctctgga	1500
gtgggacact	ggccctggga	accaggtctga	gctgagtggc	ctcaaaccct	ccgttggatc	1560
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gttttgggat	ttaaaa					1876

<210> 7901  
 <211> 1436  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (190)...(675)  
 <223> similar to gi849238 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7901

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gcccttgagt	gaacgtcctt	ctgagcggct	tcctgggggc	ctccccacgt	cccaaaggcc	180
ggcaagatgg	tgtcctggat	gatctgtcgc	ctgggtggtg	tgggtgtttg	gatgctgtgt	240
ccagcttatg	cttcctataa	ggctgtgaag	accaagaaca	ttcgtgaata	tgtgcggttg	300
atgatgtact	ggattgtttt	tgcactcttc	atggcagcag	agatcgttac	agacattttt	360
atctcctggt	tccctttcta	ctatgagatc	aagatggcct	tcgtgctgtg	gctgctctca	420
ccctacacca	agggcgccag	cctgctttac	cgcaagtttg	tccacccgtc	cctgtcccgc	480
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aagagtcagg	gggcgctggc	cggcaggctg	cggagcttct	ccatgcagga	cctgcgctcc	660
atctctgacg	cacctgcccc	tgcctaccat	gacccccctc	acctggagga	ccaggtgtcc	720
caccggaggc	caccatttgg	gtaccgggcc	gggggcctgc	aggacagcga	caccgaggat	780
gagtgttggt	cagatactga	ggcagtcccc	cgggcgccag	cccggccccg	agagaagccc	840
ctaataccga	gccagagcct	gcgtgtggtc	aagaggaagc	caccggtgcg	ggagggcacc	900
tcgcgctccc	tgaaggttcg	gacgaggaaa	aagactgtgc	cctcagacgt	ggacagctag	960
ggtctgctgc	atctgcccc	ttcttacctc	gtgccctgca	gggctccagg	gctatttgga	1020
gggaccttgg	gctgcacatc	tggcctgcct	gcaccagctg	cctgggcccc	accctcctga	1080
ctcctgctga	tggttaaggg	ccgggagcag	atgctgccaa	ggccacatgc	agggatgcac	1140
ccacaatgta	ccaaagcagg	ctgggcccag	ggttctatct	attgccttgc	tctgccctct	1200
cccttccccg	gttgtgggac	aagagccctc	cctgaacccc	tgcaaccctc	cctgaacccc	1260
tgcaaatgaa	accaaacgtc	cacctgggtg	tgttcattcc	ttcctgtcct	tcaaagtact	1320
tgatagcctt	tcataaggcc	tggcacatgt	gtcctggttg	tgtgtgtgtg	tgttggtgag	1380
tgaggtcagg	tttgcgagtg	ttttgataaa	taaatacata	aaggggaaaa	aaaaaa	1436

<210> 7902

<211> 1146

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (64)...(1147)

<223> similar to gi5924397 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7902

ggaattcgag	agtcgcacgc	gcagcgggga	aggtgtgagt	cgtgaacggc	ccgggtctcc	60
gccatggcct	ctctactcgc	caaggacgcc	tacctgcaga	gcctggccaa	gaagatctgc	120
tcccattcgg	ccccggaaca	gcaggcgcgc	acgcgggctg	gcaaaaactca	aggctcagaa	180
actgcagggc	ccccaaaaaa	gaaaaggaag	aaaacacaaa	agaaattccg	gaagcgagaa	240

gagaaggctg	ctgagcaca	ggccaagtcc	ttgggggaga	aatctccagc	agcctctggg	300
gccaggaggc	ctgaggcagc	caaagaggaa	gcagcttggg	cttccagctc	agcagggaac	360
cctgcagatg	gcctggccac	tgagcctgag	tctgtctttg	ctctggatgt	tctgcgacag	420
cgactgcatg	agaagatcca	ggaggcccgg	ggccagggca	gtgccaagga	gctgtcccct	480
gccgccttgg	agaaaaggcg	gcggagaaaag	cagggaacggg	accggaagaa	gaggaagcga	540
aaggagctgc	gggcgaaaaga	gaaggccagg	aaggctgagg	aggccatgga	ggcccaggag	600
gtggtggagg	caaccccaga	gggggcctgc	acggagccgc	gggagccgcc	cgggctgatc	660
ttcaataagg	tggaggtgag	cgaagacgag	ccggccagca	aggcgagcgc	cagaaaagag	720
aagaggcaga	gggtgaaggg	gaacctcacg	ccgctgaccg	ggaggaacta	ccggcagctg	780
ctggagcgcc	tgcaggcacg	gcagagccgg	ctggacgagc	tgcgcggcca	ggatgagggg	840
aaggcgcagg	agctggaggc	gaagtgaag	tggaccaaac	tcctctacaa	ggcggagggc	900
gtgaagatcc	gtgacgacga	acgcctgctg	caggaggccc	tgaagcgcaa	ggagaagcgc	960
agggcgcagc	ggcagcgccg	gtgggagaag	cgcacggccg	gcgtggtgga	gaagatgcag	1020
cagcgccagg	accggcgggc	gcagaacctg	cgcagggaaga	aggcgggccc	cgccgagcgc	1080
cgctgctca	gagcccga	gaagggccgc	atcctgccgc	aggacctgga	gcgcgcaggc	1140
ctggtc						1146

<210> 7903  
 <211> 1054  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1028)...(391)  
 <223> similar to gi291900 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7903		
tttttttttt	ttcagggtcgt tttttactag tgtctggaag acatttagga gaattccaac 60	
tgattaccat	ttacagtgat cacaatgaaa ctgctcagag ttatcactga acttcagtaa 120	
gaaaatacaa	cagagtgccca tcaggacagg ggagagggca ggagactgct ccatcgctct 180	
gctcatgtcc	acactgccaa ggtccccacc acgggggtcc ccagtgcacc ccagctccgg 240	
ggcagaagag	gcagcctgca gatctctgct gccgggaaag agctcctgaa gttgtggggg 300	
ctggactctg	ctggggacgg ggccctccgc gagtctccca cctctcgggg gactgcaggg 360	
agaggcgtct	ccagtgggca gccttgggtc acttccatag ctccccagc ggcttctctg 420	
tggcagtgcg	gatggcgctc tcagagagca cgcggatgtc ctcatggaca gcttcgatgc 480	
ttttggaagc	atccaccatc ttccagttca aagtcgtgtc tttcatgagc tggtgaaac 540	
accggagcgc	ccgctcctgg aaagccccgt tctcatagcg ctcatggcca aacgctcccc 600	
gcttggcagc	atccgccagc tgtaactgga ggaacaggac caggtcgggt ttgggaaggc 660	
ccacgtctgg	ctgttttacac caatctaggg aaaaattctc cttggcaccg gtgaaggcca 720	
caccagaaaa	tgcgtatctg tcacgacga gggctacgcc ctgggtcaac ttttcttaa 780	
ttaacggcac	ttgttcccag cgatttgag aaaaagcag gtgcaccgag tgatcctcca 840	
cgtcactttt	cttttgcaag taggaactca gaagtttgcc gatttcagtt gatctttccg 900	
ggaaccggag	cagttcggcg cggtgcccg cggcgcacag cgcttccacc agcttgccgc 960	
tctgcgtgct	cttcccgggc cggtcacgc cctccagcac tatgagagcc ccgcgccggg 1020	
ccgccatgac	tgtccaccgc gccgctggcg aatt	1054

<210> 7904  
 <211> 1442  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (14)...(1003)  
 <223> similar to gi5327061 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7904  
 ggatccgcgc gcaatggcgg cgctgggcgg ggatgggctg cgactgctgt cgggtgtcgcg 60  
 gccggagcgg ccgcccaggt cggcggcgct gggcggcgct ggccccgggc tgtgctgctg 120  
 ggtgtcagtg ttctcctgcc tcagcctcgc ctgctcctac gtgggcagcc tctacgtctg 180  
 gaagagcgaa ctgcccaggg accatcccgc ggtcatcaag cgacgcttca ccagcgctct 240  
 ggtggtgtcc agtctctcac ccctgtgcgt gctgctctgg agggaaactca caggcatcca 300  
 gccaggcaca tccctgctca ccctgatggg cttcaggctg gagggcattt tcccagcggc 360  
 gctgctgccc ctggttgctga ccatgattct tttcctgggc cactgatgc agctctctat 420  
 ggattgcctt tgtgacctgg cagatgggct gaaggttgtc ctggcccccc gctcctgggc 480  
 ccgctgcctc acagacatgc gttggctgcg gaaccaagtg atcgccccgc tgacagagga 540  
 gctggtgttc cgggcctgta tgctgcccac gttagcacgc tgcattgggtc tgggcccctgc 600  
 tgtgttcacc tgcccgtctt tttttggagt tgcccatttt caccatatta ttgagcagct 660  
 gcgtttccgc cagagcagcg tggggaacat cttcttgtct gctgcgttcc agttctccta 720  
 cacagctgtc ttcgggtgctt acaactgcttt cctcttcacg cgacacaggac acctgattgg 780  
 gccgggttctc tgccattcct tctgcaatta catgggtttc ccagctgttt gcgcggcctt 840  
 ggagcaccca cagaggcggc ccctgctggc aggtatgcc ctgggtgtgg gactcttcct 900  
 gcttctgctc cagccccctc cggaccccaa gctctacggc agccttcccc tttgtgtgct 960  
 tttggagcgg gcaggggact cagaggctcc cctgtgctcc tgacctatgc tcctggatac 1020  
 gctatgaact ctcaccggct ccccagccct ccccaccaag gggtagtga ggggaagggc 1080  
 tggctggggt ccccgagatc tcaggaattt ttgtagggga ttgaagccag agctagtgtc 1140  
 gtcccaggga ccaagagaaa gaagcagata tccaaagggt gcagcccctt ttgaaagggg 1200  
 tgtttacgag cagctgtgag tgaggggaca aggggcaggt ccaggagacc acacactccc 1260  
 ttctcacttt tggactgctg cttctcttag ctctctgccc tctgaaaagc tgctcggggt 1320  
 tttttattta taaaacctct ccccaccccc ccccccccaa cttcctgggt tttctcattg 1380  
 tctttttgca tcagtacttt gtattgggat attaaagaga tttaacttgg gtaaaaaaaaa 1440  
 aa 1442

<210> 7905  
 <211> 2604  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2536)...(1009)  
 <223> similar to gi397607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7905

tttttttttt	ttcttatttt	ttaaactgtt	attacttcaa	gagggaaatta	tttttcaaag	60
atgataaaac	tcattttctat	tccagtaaaa	aagggtcaca	ggtttgcccc	caggggtccca	120
ggagcgcccc	gaaggcaggg	ccccccaggc	ctcttcacct	cagcctgggg	cacctataa	180
tctgagggac	cctgtgaagg	gggtgggggc	aagctcgggg	gcacagcctg	gcggccaaact	240
tcggccagac	gagtggccgg	ctcacgtcca	taggatagat	gtcagtttag	gctgggaggg	300
aaaagggcgc	cagacaacca	cgatgcagt	ccctgttgaa	gacttccggg	gggatcaaag	360
tccgggcccc	gggttggg	gagaccctcg	gggcagctgc	acagggcatc	ttgttgctt	420
cactccattg	ttttttccga	ggcctgtgtt	aaaggcgctt	tgcctggcct	ggcaggtaga	480
ccaaggccaa	agctctgtgg	ccagggcctg	ggcactgagt	ccccactgaa	tttggcacag	540
gaaggcgcca	ctcccagcct	ggcccgtcct	gcatggggag	ccaccacacc	gggactgcag	600
tgttttacct	tggaggggag	gaagcctggg	cccaacggct	gaacgggaca	ggccaggctc	660
acccgaggaa	ggggacgcag	gacccacagc	ccctgtgtgc	aaggcctgtg	ggccaccgtg	720
gaaagaaggt	tccagaacag	tgcttgttga	cgagcctctc	cctacaagtc	ccttcagcag	780
caagctccat	ccctgagtgt	ctgccacaag	cctgcacgca	tgtgtgtatg	tgtgccagg	840
gcgtgtgtgc	aggtgtgcaa	caggcacatg	gcagctggga	ggctcaggct	gtggggctgg	900
ggggctgtcc	cgctgggaga	gtccgggaga	agtgggggtg	aggggctggg	gggcccgtca	960
ggcccagcgg	gccaggcctg	gctgggtcac	ggtgtcctca	ggaccctaca	gttttgcttc	1020
ctgcagcaca	gagcccttgg	gagctgatgt	catcagggat	tcagaatagg	cctgaatggc	1080
ctccttatcc	tttgagccct	ttttactact	actccaaaat	aaatagcatt	tctcttggct	1140
ccggatttgg	cagatgacag	ggaccagcag	caggacgcag	cccagcgcca	ggaggacgta	1200
ctgggcatag	tgcatcacct	tgggcatcaa	ccagagctga	gtgtagaatg	tgtgaagagt	1260
ctccccctcc	atggccccgc	tctctgcaaa	ccagagcagc	ggcaggacca	caggctcaat	1320
cttcccagtt	tgtccaatgc	ctgcgacaga	tttcatgtag	aggctcagct	gcagtttcac	1380
agagcagttc	atggggattc	ccgtgaccgg	gtggatgtcc	aggaacaagg	agtgtgcctc	1440
ctggtttaggg	tgcaggccag	tcaccgcttc	tgcagaacc	gggtcggcgt	tgaggaagtg	1500
aggatgggag	agaaacaagg	gggactgaa	cctgcagggt	ctgacgttct	gaattccaga	1560
ctccaggcac	gggcagaagc	cttcgttggg	tgggtagatg	gaccggttgg	caaacagggt	1620
tttgggagcc	acgaagcgat	aggtggggat	gccttcaaac	acccctgact	ccttgtacat	1680
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gaagggcggc	cacatttgcc	cagaagttcc	attgatcatg	ttgcaactgat	cggaatgcca	1800
gaagtcaacc	ttgctcagcc	cgttccactt	gtccacgagg	tggatcctgc	tgatgttctg	1860
gacccccgtg	aacccccgtg	agagcccaga	gtcggagttg	ttgagctcag	caaataatcc	1920
gaacttgtcc	ttgaagggga	acatgcctgg	aaagtacttg	ttgatgagat	tcacaagggg	1980
gtccttgtag	ccccacatga	tctcaccac	agtgcggttc	atgaaggcac	gttcgccgag	2040
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cgccgcaccc	aagaccagga	tgttgggcat	gacgatgtag	tcgctctccg	agccgtggga	2160
cttggagggc	tggaaactgga	aggtgcggta	ctcgagggaag	gacacgggtg	cgttgttgtt	2220
gaaggtgatg	ttgcttttgt	gcctgaactc	cctgtacacg	tagggcccgc	gctcccgcac	2280
ctgcggcttc	tcgcccctca	ggatctcgct	ggggttcagt	acgtcaaaga	agtagacgga	2340
gagatagaag	gggataggga	tctccttcca	catgttgaag	gacaggctac	tggggtcgat	2400
gcgcacgttc	ttaaggacct	gctgcttgat	gagcgacggc	accatcacga	tcatgacagc	2460
gcccagcaca	gcgcacagta	gccccgcgac	gcccagcgcc	ccggcagccc	agcgcgcttt	2520
ggcggagcag	cccatgtctg	cgcgctctgg	gcccacccgc	ggctcgcagg	gctccgcgcc	2580
tggcaggaga	cggggacggc	gacg				2604

<210> 7906

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (195)...(667)

<223> similar to gi4455181 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7906

cggcggttga	gagcatggcc	tctccagggg	caggtagggc	gcctccggag	ttaccggagc	60
ggaactgcgg	gtaccgcgaa	gtcgagtact	gggatcagcg	ctaccaaggc	gcagccgatt	120
ctgcccccta	cgattgggtt	ggggacttct	cctccttccg	tgccctccta	gagccggagc	180
tgcggcccca	ggaccgtatc	cttgtgctag	gttgcgggaa	cagtgccctg	agctacgagc	240
tgttcctcgg	aggcttccct	aatgtgacca	gtgtggacta	ctcatcagtc	gtggtggctg	300
ccatgcaggc	tcgctatgcc	catgtgccgc	agctgcgctg	ggagaccatg	gatgtgcgga	360
agctggactt	ccccagtgt	tcttttgatg	tgggtgctga	gaagggcacg	ctggatgccc	420
tgctggctgg	ggaacgagat	ccctggaccg	tgtcctctga	aggtgtccac	actgtggacc	480
aggtgttgag	tgaggtgagc	cgcgtgcttg	tccctggagg	ccggtttatc	tcaatgactt	540
ctgctgcccc	ccactttcgg	accagacact	atgccccagc	ctattatggc	tggtcctctg	600
ggcatgctac	ctatggcagc	ggtttccact	tccatctcta	cctcatgcac	aagggcgggg	660
agctcagtgt	ggcccagctg	gctctggggg	cccaaatact	ctaccccccc	agacctccca	720
cctcaccttg	cttccttcag	gactcagatc	atgaggactt	ccttagtgcc	attcagctct	780
gaggccagag	catggtcctc	cacccttcc	gccattctgc	cctgggctcc	tcaggtagtt	840
ggaattcctg	acttaggact	tggggttggg	tccaaggtgc	ttacatccca	ggggcctcat	900
gcctaagata	gaggggtggg	gcgaaccac	atgaaccaat	acagcccagc	tccaactaga	960
aaaaaaaaaa						970

<210> 7907

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (133)...(375)

<223> similar to gi2587023 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7907

cagtgggtgtg	ttacctgccc	acagcataat	gcgaggcaag	gtccagccgt	tccgcccggc	60
atacaagctt	atggagcagc	cccctttgaa	gatctccagg	tggacttcac	agagatgtca	120
aagtgtagag	gtgatcgagt	gtggatcaag	aactggaacg	tagcctcttt	gtgtccactg	180
tggaaaggac	cccagactgt	cgttctgagc	cctcccaccg	ctgtgaaggt	agaaggaatc	240
ccagcctgga	tccaccacag	ccatgtaaaa	cctgcagcgc	gtgaaacctg	ggaggcaaga	300
ccaagcccag	acaacccttt	cagagtgacc	ctgaagaaga	cgacaagccc	tgctccagtc	360
acaccgcgaa	gctgactgg	ccacgcacgg	ccgaagcctg	aggaagctca	tcatgagatt	420
catttttctt	aaattttgga	cttatacagt	aagggttcca	actgatctta	ctcaaactgg	480

ggactgttcc	cagtgtactc	atcagggtcac	cgaagttagg	acagcaaatt	aaaacaatct	540
ttctgttcta	tagttattat	gaatgtatgg	aaacaataaa	agaaacttgt	ttgtataatg	600
ccactcagta	caaggtatgt	agcccagaaa	atgaccgacc	tgatgtgtgt	tataacccat	660
ctgagccccc	tgcaccaccg	tttttgaaat	aagaataaga	actggccttt	tcctagggtga	720
tacaagtaaa	ataataacta	gaacag				746

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<210> 7908
<211> 2399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (312)...(1541)
<223> similar to gi5911945 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7908	
ggcggaaattc	cgggcttgct cgaggcgcaa ggcgcgtggc ccggcacggc ggtgggtcttg 60
cgggaggcggt	gggctgggat tgcggtgcct gtgcttcccg gtgccagggt gtcattggaag 120
ggctgctgac	aagatgcaga gcattgcccg cccctggccac ctgcagccgc cagctctctg 180
ggtatgttcc	ttgcaggttt caccactgtg ccccaagaag agggcgggcg ctgctgctgt 240
ctcgtgtgtt	ccagccacag aaccttcggg aagaccgggt gctctccctg caggacaaat 300
ctgatgacct	gacctgtaag agccagcggc tgatgctgca ggtgggcctg atctaccag 360
caagccccgg	ctgttaccac ctctgccat ataccgtccg tgccatggag aagctcgtgc 420
gagtgataga	ccaggagatg caggccatcg ggggccagaa agtcaacatg cccagcctca 480
gcccggcaga	gctctggcaa gccaccaacc ggtgggactt gatgggcaaa gagctgctaa 540
gacttagaga	caggcatggc aaggaatact gcttaggacc aactcacgag gaagccatta 600
cggccttaat	tgccctcccag aagaaactgt cctacaagca gcttcccttc ctgctgtacc 660
aagtgacaag	gaagtttcgg gatgagccca ggccccgctt tgggtcttctc cgtggccgag 720
agttttacat	gaaggatatg tacacctttg actcctcccc agaggctgcc cagcagacct 780
acagcctggt	gtgtgatgcc tactgcagcc tgttcaacaa gctagggtctg ccatttgtca 840
aggtccaggc	cgatgtgggc accatcgggg gcacagtgtc tcatgagttc cagctcccag 900
tggatattgg	agaggaccgg cttgccatct gtccccgctg cagcttctca gccaacatgg 960
agacactaga	cttgtcacia atgaactgcc ctgcttgcca gggcccattg actaaaacca 1020
aaggcattga	ggtggggcac acattttacc tgggtaccaa gtactcatcc attttcaatg 1080
cccagtttac	caatgtctgt ggcaaaccaa cccctggctga aatgggggtgc tatggcttgg 1140
gtgtgacacg	gatcttggct gctgccattg aagtcctctc tacagaagac tgtgtccgct 1200
ggcccagcct	actggcccct taccaagcct gcctcatccc ccctaagaag ggcagtaagg 1260
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agcttcacgg	ggaggtgtct ctggacgaca ggacctatct gacctcggg aacagactga 1380
aagatgcaa	caagtttggc tacccttttg tgataatcgc tggcaagagg gccctggagg 1440
accctgcaca	ttttgaggtt tgggtgtcaga aacttggtga ggtggccttc ctacccaaag 1500
atggagtcac	ggattttactg accccagtgc agactgtcta aatgccccca gccaccacct 1560
gccccattt	gcagccttgg tgttcgttct aacctgcat ttctctacac ccttttctg 1620
gactgctctc	tccagaaaca gcacagctca tggagggtga gatcatgtta gggaaatcaa 1680
tttttatcta	gtcatttgtt cagattatct gtatttaaag tcattaactt gatccctttc 1740
tccagactgg	ccatgccgcc atataccttt ccttttgtat tccattgtgg aagcttctag 1800
gaggctgaga	agcaggagat ccaagctcca gtccctgggtg ttaccctgag gggggaagtc 1860
acttcccttc	tctcagctga gtttttcacg tgtaagatga gaatggctga tggctgagag 1920





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ttttagtgtt cttatttctc ccttacctat tctttggtag acatatgtgt attcctgttt 1800
aatcgaataa aagaaccaac actaaccttc taaaa 1835

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<210> 7910
<211> 2082
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1947)...(453)
<223> similar to gi5824689 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7910
ctccccccc cggtatttaa attggggaac ccccggggtt tcccccccc cccgtgttta 60
aaaccgggcc ccggaattta attttggggc ccccaaaaaa aaaaaataac tttccccccc 120
ccgggactaa aaatttggtc ccttaaaagg gccccccct ttttttttt tgagtttttt 180
cctcttttat taagtccgct atactaacta gaaggagaat ctgtgggttt cgccctgatag 240
accacagggc caatcaccac agcttcttgt agagaacatg gagagtgcc aatcaccat 300
caggtgcgcg ttccttctcg tggctttcca tcttcagtc agcctgggtc tttgccttga 360
agggcccca aacaacagcc ctggctatca tcttcatccc aaaagcggag aagatgggca 420
ggcaagaaca cggagggtgt cacagagagg ttcccatcag gttcacaggg cgcccgctgt 480
acctcttggg gatgtcagct tcaatcagct tctgcagctc cttgggtctt tccagtagca 540
ggtccagctt aggtccaga gccgcctgct cctcaagtgc ctctgctgc ttctgcacca 600
tcagctcttt cttcaaagcc agcagctggg actgcttcag cttttgctgg aggaattcag 660
tactcgggtc cacatacctt ggtgaggcca ggatcataaa caggtgttgc agctgaagac 720
tggttaagctt gccaatcaga tctccagca ctgacaccat ggtaaccatc ttctctttgg 780
tctggccctg caggatggct ggagccagct ggaactggct cacagacagg acatctgcct 840
cctcactcaa ctccactgct ctctgggcta agaagatctc aagctccatg agctcatcaa 900
ggaactgatt ccgggtctca gtgtattcaa gcagtgtcag ggcatctggg cccctggcaa 960
caccttctgg agcctgggtt cctgcttcca gcactgtgat ctgcaaagca acagcatcgt 1020
ctccccagtc tatcccatca cctccaggat cctttgaatc tgattccggg aagatgcccc 1080
agtcgattcc agcagcctcg gcagagatgc cagagtcagt cccctcagac actgcctcta 1140
cccaaagtc gccccagtc aatgcacatt ctgccacctg ctgaggaagc tctcagaggt 1200
ggggtcggtt caccacagag ggctctgtcc ctgtcctcca ctgtacacc gttgagtttc 1260
cccgcttctg cacgaaccgc agcattggca acacctgctc tgtggggctc tcacacacaa 1320
acccacaga cgctgggtac acgtcaatgg cttccccag ggactgctga gccgctgcc 1380
caatctcagc cagctgactc ggcaggtcct tcaccagggc cagcagttct cctcggacat 1440
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ccctgctctg gcaactctcc tcttgcggc tgtattcttg ctgcagctgc tggcacttgg 1560
caatctgctt cttcagtgag gggatctcat agttgacatt ccgaaccagg aggtagaga 1620
gttccactaa gtaggtgttg tcttctcat acagagctat aatctcctgc caatccttca 1680
tccgctgtga agagtatcgg ccaaaaatat tcttcgtgga ggcctctgtg cctttgagaa 1740
ggtccaggat tcttaggcag tgaaagtagt gaatgtagga ccagacagc agctgggcga 1800
tctcttcgct ctctggcatg tctgggatgg cagcattgat cttctcggcg atcgtcagca 1860
ccagactctg ccatttcagg ctgcagtgcc ttctgtccac cagccaatcg agcagcttgc 1920
tggtctggat gtcgatgggc acgtgctgat ggtcctccat ctttctcca cttccgcttc 1980
aggctggaga ctgtggcccg cccgcctcta ccaccaatcc agtggcggtt tggccgagcc 2040
tccgtttaga cacaacaggg catccttcgg ccacctcgtg cc 2082

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<210> 7911  
 <211> 3551  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3168)...(3442)  
 <223> similar to gi4884194 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7911

gagcactgct	tctcagtc	ccc	cacactgtct	tgctgcatac	tgaaattgtc	actacatgca	60
agtgcactc	aaaccctgcc	tgccaaatct	gtcatcagaa	gcattgcctt	tgactcagtt		120
tccttgccctg	ttaaaaatgt	gtagagaagc	taatcattga	gagaaagtga	atgaaagcag		180
ttttttcaac	tgctctgatg	gaaaccacga	ttcatgagac	cctcttttgt	ccttgaaaat		240
agcattgtca	tcactgccc	ggttttggga	gaatattatt	ttattatcaa	atgtacagta		300
tattgacctt	aaaaatacag	taaagcagtc	atggaaataa	caggtcgtgt	attattcatg		360
ggcacaact	gactcatggc	tggggaagaa	gcagccacct	tagaccagat	ggacaagcca		420
gatactgcag	agaagtttct	gggcttttcg	gggaagactc	tagattcaat	tctgtaaagt		480
tatgatgcag	ttttctcctt	cctctcctct	cacctcctct	gagcacagct	ttcaacaaaa		540
actttgcata	caaggaaatc	taatatcgca	gccttcccca	ctggagggtt	cctggagaag		600
gtaataaac	agtggtgact	gaatttgaag	gagggttgag	agaaattttt	taaaattata		660
tttccatgtc	tgctgtaatg	tatccaagtc	ttgtaaagac	caataattta	ttaattttta		720
taagacagaa	agtattttct	cttctagtct	catcgtctga	tttgaaagga	aaaaatatat		780
atataaaaca	ttatataaaa	agtgagttcc	aggaagaaat	gtttttcttt	tttcatataa		840
aatggtagct	gtatgtatgt	aactctgaat	taaaatatat	atatatatca	gtcactctgg		900
ttctaaatcc	ttattgggca	agctggagtt	ttgaagtgc	agaggaaata	actgaaagat		960
gacttgtcaa	tctggaacaa	agtctatcat	gtaaaaactg	cagcagggtta	actaggtgat		1020
gcgtcttcaa	tggggtagtg	aggtgttggt	catgtctatg	gcttattttt	gatgaatggt		1080
cctcagatat	cctatggacg	cttatgaagg	cagtcgagtg	gcatttgcaa	aaaaagaaaa		1140
attgcagtca	gagcacagac	accctgaatg	aagcccctgg	catgatgtaa	acacaaaaga		1200
aagtgtctca	gcaaggctga	gcccctcttc	tcgtgtctgc	attgcttcc	tttcccaaca		1260
attgtagatc	aagatcaacc	tcaacttgaa	acccaccaga	ggccaccatg	cactgtgaca		1320
cattatttta	gagctcctat	tccccaacct	ggcttccctt	acaaaccccg	ctttgttgtc		1380
agttcctaag	caatcattct	ggaatccaca	tttcagaaga	cgtggatgta	agttgttttg		1440
gagtcactgc	cgagaatggt	ttttgccatg	cacttgtaga	agccggcatc	tctctgtgtg		1500
gcattgctgga	tggtcagtg	tccctggggg	tgaagaaatc	tgtttccata	cagacgagcc		1560
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gaagggccgt	actccgtctc	catcctgcac	acataggtac	ccctgtcaaa	caccgaggcc		1800
tcacgaaccg	tgagggtgcc	attgtccaga	agagaaacgc	gtcccagggt	ttgggggccc		1860
tccagatgca	tgccattggg	gagcgtccag	gagaaacgtc	cctgcccagc	cccgggaggg		1920
gtgcagggga	gcttcagggt	ctcaccattg	atgatgctga	ccaggttatg	atactgcttg		1980
tttgcttctg	gcttcagtc	caccttcagg	gagaccagcc	tctccgtgtg	gccagcgcca		2040
ttgcggggcca	cgcagcggta	ggccccagcg	tccaccgagg	agagaccgct	aatgtgtagc		2100
atgccgtcag	ccttgtggtg	gaagcgtgc	agctgctgtc	cactctgcag	atcgggtgcca		2160
ttgggaagga	cccacaccag	gctgggtgtc	ggggtccccg	cggcagagca	gttgaggctg		2220

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atggtgtggc ccgccatggc cgtgatcttc tcgctgatcg ggctgtggaa gatggggttc 2280
tccatgggct ccaggacagt gagctgcacg atcaacctgg cctccccctcc ctcggttgcgt 2340
gccatgcata ccagctggac ggagtcgctc ttctctaaac tcttgatgtc caggggaaccg 2400
ttgccatgga cagtgatccg gtttccatag tatggagctg gcagaaccac accctcggga 2460
aaagcccata acaccctcgg ggtgggggatg ccttcagctt tgcagtcaat cagtttccga 2520
ctgcccccg cgtctatctc ccgcacagtg gtgatgggggt tggggttacc gttgatcttg 2580
ggtggctgga cgttgacgtg aatccacacc gtcttcctat cctctcccg cgtgttcctg 2640
accaagcagg tgtagtggcc gctgtcagaa cgctgggctt tctgaataag gagagtgcc 2700
tcttggtata tctgatactt ctcaaggagg gtggggatca ccttgttggt tggggacaac 2760
caagtcacct tgggcatggg ttctcctttg gcctcacagg ctacagtgc cacgtctcca 2820
tagggcacct gaaccgcca gcaagtcttg ttccggatgg tggcgggcgc tgtcaccacc 2880
ttgactctga ctctcatctc gtccttcccg acctgatttt cagcaaagca ggtgtagtct 2940
ccttcctccc tcatccccac ttcggttaaag tagagtgtcc cattgttgaa gacgacatag 3000
cgcttggtgc gtccaccgct gtcatccgac tgcataagg agttcaccag actcccgtct 3060
gggaggctcc aggagatctc gggattggga agcccggtg ccacacagtc cactttcagg 3120
tcacccccgt agaagacttt gtggctcgtt tcctccttgt gttcaatctt ggccggtttc 3180
atcaccacat ccactttgag caccacgtag tcatcaccaa ccttatttcg agctacgcac 3240
aggtaatctc cggcatcttt gtccgtcact gatttcacca ccagggtccc attggcaaac 3300
accttgattc tgctatcaaa actaagagcg cgtcgatcat cctcttgga ggcagcctcc 3360
agaggatgcg cggccagggg tccccgaggc gctgcagtcc agcttgaggg ttcctaagca 3420
atcattctgg aatccacatt tcagaagacg tggatgtaag ttgttttgga gtcactgccg 3480
agaatgtttt ttgccatgca cttgtagaag ccggcatctc tctgtgtggc ctcggtgccga 3540
atgcctgcag g 3551

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<210> 7912
<211> 1451
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1452)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (300)...(1112)
<223> similar to gi4566746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7912
gattctcctg cctcagcctc ctgagtagct gggactacag gtgcgcacca ccgtgcggat 60
ttttgtattt ttagtagaga gggagttttg ccacattggc caggctgggtc ttgaactcct 120
gacctcagggt aatccaccca cctcagcctc ccaaagcact gggattacag gcgtgagcta 180
ttgtgcccag ctgggatctt gacaaaaaca ctatttctct cctttcacct gtgctgtgta 240
tttttccttc gcctagttcc cagacctcac tgctatatgt cttctccctg gcaggcagga 300
tgacgcaaaa cacggtgatt gtgaatggag ttgctatggc ctctaggcca tcccagccca 360
cccacgtcaa cgtccacatc caccaggagt cagctttgac acaactgctg aaagctggag 420
gttctctgaa gaagtttctt ttccacctg gggacactgt gccttcaca gccaggattg 480
gttatgagca gctggctcta ggggtgactc agatattgct gggggttgtg agttgtgttc 540

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ttggagtgtg	tctcagcttg	gggccctgga	ctgtgctgag	tgcctcaggc	tgtgccttct	600
gggcggggtc	tgtggtgatc	gcagcaggag	ctggggccat	tgtccatgag	aagcaccg	660
gcaaaacttg	tggctatata	tccagcctgc	tcaccctggc	aggctttgct	acagctatgg	720
ctgctgttgt	cctctgcgtg	aatagcttca	tctggcaaac	tgaacccttt	ttatacatcg	780
acactgtgtg	tgatcgctca	gaccctgtct	tccctaccac	tgggtacaga	tggatgcggc	840
gaagtcaaga	gaaccaatgg	cagaaggagg	agtgtagagc	ttacatgcag	atgctgagga	900
agttgttcac	agcaatccgt	gccctgttcc	tggctgtctg	tgtcttgaag	gtcatttgtgt	960
ccttggtttc	cttgggagta	ggctctcgaa	acttgtgtgg	ccagagctcc	cagccccctga	1020
atgaggaagg	atcagagaag	aggctactgg	gggagaattc	agtgccccct	tcgccctcta	1080
gggagcagac	ctccactgcc	attgtcctgt	gagctgcaa	agacccacg	gggtgcccgc	1140
atgtccctgt	ctagggcagc	ccaggggccc	cactcctggc	tcctcacact	tgctccctc	1200
atggccgctc	tccagaccct	cctcctttct	tctccccaca	tccgcacctg	ctgttcccac	1260
tctggggttc	tcaagtccat	gaacagatat	tgttgcat	tccacaatgc	tgattaaaca	1320
taataaaca	tccagaaaag	cagttttgcc	cagaaaagata	tggttttcct	tttgtttatt	1380
acaccttgtg	gcggccatgg	aaagggcctt	tntttgtgtt	cggtatgtat	ggaggttaaa	1440
nggggagctg	a					1451

<210> 7913  
 <211> 1309  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (216)...(1249)  
 <223> similar to gi2274982 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7913						
gcggccgccc	gcgagcgggg	cggtgccacg	tacggctccg	gaagaagcga	cggaatctgc	60
tagggcaca	gagagacggg	cgctcgcgct	ctcgcagtcc	tcttccgtca	gtgtcttttg	120
cttcgactcc	cggcggagcg	cgcaacgtgg	agtgcgtgc	aggggccaa	tgcaaccacg	180
gcagccacgg	ctgtttcgga	gctcaggact	ctaaaatggc	agagcagctt	tctccaggaa	240
aggcgggtga	tcaggtgtgc	accttccttt	tcaaaaagcc	tgggcggaaa	ggggctgctg	300
gacgcagaaa	gcgcccgcc	tgcgaccag	agcccggaga	aagcggcagc	agtagcgacg	360
aaggctgcac	tgtggttcga	ccgaaaaaga	agcgggtgac	ccacaatcca	atgatacaga	420
agaccctga	cagtggtaaa	cagaaggcgg	cttacggcga	cttgagcagc	gaagaggaag	480
aggaaaatga	gcccagagag	ctcggcgtgg	tttataaatc	caccggttcg	gcgaaacccg	540
tgggaccaga	ggatatggga	gcgacagctg	tctatgagct	ggacacagag	aaagagcgcg	600
atgcacaagc	catctttgag	cgcagccaga	agatccagga	ggagctgagg	ggcaaggagg	660
atgacaagat	ctatcgggga	atcaacaatt	atcagaaata	catgaagccc	aaggatacgt	720
ctatgggcaa	tgcctcttcc	gggatggtga	ggaagggcc	catccgagcg	cccagagcatc	780
tacgtgccac	cgtgcgctgg	gattaccagc	ccgacatctg	taaggactac	aaagagactg	840
gcttctgcgg	cttcggagac	agctgcaaat	tcctccatga	ccgttcagat	tacaagcatg	900
ggtggcagat	cgaacgtgag	cttgatgagg	gtcgctatgg	tgtctatgag	gatgaaaact	960
atgaagtggg	aagcgatgat	gaggaaatac	cattcaagtg	tttcatctgt	cgccagagct	1020
tccaaaaccc	agttgtcacc	aagtgcaggc	attatctctg	cgagagctgt	gcactgcagc	1080
atttccgcac	caccccgccg	tgctatgtct	gtgaccagca	gaccaatggc	gtcttcaatc	1140
cagcgaaaga	attgattgct	aaactagaga	agcatcgagc	tacaggagag	ggtggtgctt	1200
ccgacttgcc	agaagacccc	gatgaggatg	caattcccat	tacttaggtt	tcccataatt	1260

cttaaattta aaaaataaac gttttgttct tttggaagta aaaaaaaaaa

1309

<210> 7914

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(1096)

<223> similar to gi4929585 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7914

gactgagatc	ctggagataa	gtccccggcgc	ttgcgcggcgc	gcggctatgg	cggcggagga	60
ggaggaggtg	gactctgccg	acaccggaga	gaggtcagga	tggctaactg	gttggctccc	120
cacatggtgc	cctacgtcta	tatcacacct	taaagaagct	gaagagaaga	tgttaaaatg	180
tgtgccttgc	acatacaaaa	aagaacctgt	tcgtatatct	aatggaaata	aaatatggac	240
actgaagttc	tctcataata	tttcaaataa	gactccactt	gtccttctcc	atggttttgg	300
aggaggtctt	gggctctggg	cactgaattt	tggagatctt	tgcaccaaca	gacctgtcta	360
tgcttttgac	ctattggggt	ttggacgaag	tagtagacct	aggtttgaca	gtgatgcaga	420
agaagtggag	aatcagtttg	tggaatccat	tgaagagtgg	agatgtgccc	taggattgga	480
caaaatgatc	ttgcttgggc	acaacctagg	tggattcttg	gctgctgctt	actcgctgaa	540
gtacccatca	agggttaatc	atctcathtt	agtggagcct	tggggtttcc	ctgaacgacc	600
agaccttgct	gatcaagaca	gaccaattcc	agtttggatc	agagccttgg	gagcagcatt	660
gactcccttt	aaccttttag	ctggcctaag	gattgcagga	ccctttgggt	taagtctagt	720
gcagcgttta	aggcctgatt	tcaaacgaaa	gtattcttca	atgttcgaag	acgatactgt	780
gacagaatac	atctaccact	gtaatgtgca	gactccaagt	ggtgagacag	ctttcaagaa	840
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ccctgacatt	ccagtttcag	tgatcttttg	cgcccgatcc	tgcatagatg	gcaattctgg	960
caccagcatc	cagtccttac	gaccacattc	atatgtgaag	acaatagcta	ttcttggggc	1020
aggacattat	gtatatgcag	atcaaccaga	agaattcaac	cagaaagtaa	aggagatctg	1080
cgacactgtg	gactgaacac	actgaagctc	tgatgggaaa	acctggtgac	tgatatagtt	1140
gttcagcaat	aattcatagt	ctgtgatgaa	gagtagtgaa	tacaacacac	aaccaggcag	1200
ccttcttgac	tatactttgc	acatgttttc	tttaggaatt	cactcacaca	tttaaaccag	1260
ttagtgcctt	ctagaagaat	ggctttcctt	tctcctacac	aaaattgaaa	tatacaagtc	1320
tctaaatata	atacctttta	ataaaaagggt	atttgtccct	ctgatgtact	gaaaaactgt	1380
aatttttcag	ctgaaaatth	tttaatctaa	ctttgctagt	tatttttata	ttgcaatcta	1440
tattaccaat	ttaggaagtg	atthctgagt	ctcttacact	gtaaagggtg	actttattht	1500
ctttgtcttc	cccatcatgt	atthattgtg	tcttgataac	tgatattaat	ctaaattcaa	1560
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agtgacaagg	cagatthttg	gttagaggac	gggagttgat	cactatcatt	actthttcta	1680
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atcctgacat	acagtgtata	acaacataac	tccttggaac	ctcctatgtg	tgggtataatt	1800
ctactcttcc	aaggaacatg	acttcaatac	thtcagtgat	tcagggtactg	aaaagcctta	1860
ccctaaaagg	gctgttctth	gtthccccct	thccatacta	thctthtccc	atgacccagg	1920
atgcagcaaa	tgaacagat	thcttctctt	aaggggatat	taagactgtt	actthcctagt	1980
aaggccaagt	aataccatat	thttattaac	atcctaactt	ttgtaggagg	ggtgctaaaa	2040
ttgcatacat	thtaaccact	gaaaatagaa	aaacaagtgg	tgcttattat	gtctcatggg	2100
caccagaaat	gaggctaggc	acttgggggt	tgttgtttgg	tgthgtttat	taaggagtat	2160

tgtgttaatt	aaatcattac	atacttgaag	ttatatcca	acaattctaa	gaagttggat	2220
tgacctat	ttttaggaac	taccatcaag	tgtagcattt	tcttgcagtt	ttaaaatgag	2280
gaaaacttct	ttgaaactgt	gaaatgctcc	atgtggtaac	tggctgctga	gaaaaccctt	2340
caccaaaaaa	ataaataaaa	attgaatagg	attgtcatca	agaaggcatc	tttcgctaac	2400
gttgcttgctc	taggagaaaag	gtagctatgt	aaataaaaac	agtgaactag		2450

<210> 7915  
 <211> 1470  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (64)...(1309)  
 <223> similar to gi425146 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7915						
ggtgatgcag	tgctgaagac	ctggggccct	gctcagtgcc	tttgcctctag	aatgggtcca	60
gcttggtttt	ggctactggg	aacagggatc	ctggcctctg	tccactgtca	gccccttctt	120
gcccatggag	ataaaagtct	gcaggggctt	caacccccca	ggcatcagct	ctcagagcca	180
gccccgcct	accacagaat	cacaccaccc	attaccaatt	ttgctttgct	tttgtataaa	240
gagctggcag	cagacgcccc	cggaaacatc	ttcttctcgc	cagtgcagcat	ctccaccacc	300
ctggccctgc	tctctcttgg	ggccccagct	aacacctcag	ctctgatcct	ggaggggcctg	360
ggattcaacc	tcacagaaac	ccctgaagcc	gacatccacc	aggggttccg	gagcctcctc	420
cacacccttg	ccctgcccag	ccccaaactc	gaactaaaag	taggaaactc	cctgttctta	480
gacaagcgac	taaagcctcg	gcagcactat	ttggacagca	tcaaggagct	ttacggagct	540
tttgcttttt	ctgccaactt	cacagattct	gttacaactg	ggaggcagat	taatgactat	600
ttgagaaggc	aaacatacgg	gcaagtctgt	gactgcctcc	cggagtccag	ccaggacacg	660
ttcatggttc	ttgccaatta	catcttcttc	aaagccaagt	ggaagcacc	tttcagtgcg	720
taccagaccc	agaagcagga	aagtttcttt	gtggatgaga	ggacttctct	ccagggtcccc	780
atgatgcacc	aaaaggaaat	gcacagattc	ctctatgacc	aggatttggc	ttgcaccgtc	840
ctccagatag	aatacagagg	aaatgccttg	gcgctgctgg	tcctccctga	cccggggaaa	900
atgaagcagg	tggaggctgc	tctgcagcca	cagaccctga	gaaaatgggg	ccaattgctc	960
ctgccagtc	tggttgattt	gcacttgcca	aggttttcaa	tttctggaac	atataacctg	1020
gaagacatac	ttccccaat	tggtctcacc	aacatactca	acttagaagc	tgacttctca	1080
ggagtcaactg	ggcagctcaa	caaaaccatc	tccaagggtg	cacacaaggc	gatggtggac	1140
atgagtgaga	aggggaccga	ggccggggct	gcttcaggcc	tcctctccca	gccccatct	1200
ctgaacacca	tgtcagaccc	acatgcccac	ttcaacaggc	ctttcctctt	gctccttttg	1260
gaggtcacca	cccagagctt	actcttctctg	ggaaaagtgg	tcaaccagct	tgagggttaa	1320
ccatggtggg	aggccaggag	ttatcttatc	tcctcctgga	ccaaacagat	aggccagaac	1380
cagcctgcat	cctggggctg	ctatgtggtt	cagttaatca	gtgtgccaag	attctaataa	1440
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<210> 7916  
 <211> 1408

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (118)...(1091)  
 <223> similar to gi5689750 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7916

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ggagaaattt	tccagatgcg	agaagcctac	tgcttgcaat	acagcaataa	cctccaagag	540
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<210> 7917  
 <211> 7272  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (72)...(948)  
 <223> similar to gil665823 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7917

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<210> 7918  
 <211> 1918  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (140)...(615)  
 <223> similar to gi2935348 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 7920
<211> 1907
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (133)...(672)
<223> similar to gi4929765 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gtgagcactt	tggcttatgt	ataagttaga	aataattgtt	agtttttaat	atgcacttcg	1260
tggggaaatt	tcttagacgt	atgcaagcaa	gtgaaaacaa	ttagggccag	tggtattaac	1320
tactttataa	aattttat	ttgtttgtaa	gaagtcatct	acttaaggcc	cagttaatat	1380
aagtggaaatc	atcatagttt	aagggaatacc	cagagattgc	tgctgttcta	tttattttac	1440
agaaaggata	gctagattga	aagctcttca	gtggaccttg	agctaataga	tcttttacca	1500
ctaaaagagc	attattctca	tgtcataatg	agaataataa	ttacataact	tggcataata	1560
aatgcctaaa	agacatttta	ttttctgaat	ctattttttt	cttgctataa	tggggatatt	1620
gtaaattatg	catttgtatt	aatggtattt	cttaaagcaa	tctatgtaac	tgtaaattaa	1680
accaatctac	aaactattgt	aggcatctgt	aaattctgtt	gtaggattaa	taaactttgt	1740
tgaagtctta	atcagcagat	tatgttgtga	atatatttgt	acattgttaa	aatagttttt	1800
aagattat	gttttaattg	aataagtgct	ttattggagt	gatagctttg	aagggtgcaaa	1860
actttatatt	tgtataaaat	tctactat	ccaaggcaaa	aaaaaaa		1907

<210> 7921  
 <211> 1990  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1221)...(632)  
 <223> similar to gi6012973 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7921  
 tttttttttt ttgagcccac tctgctttat ttacaacacg caggctgtct gtacaaacag 60  
 cggccgatat tattaataaac aaaagaggtg agtgagaatc gtcacctttc tgctttcctt 120  
 cctcacttgg ccaggtctta gtactccacc tttgagctgc catgcccatt aggggaagtc 180  
 caaaattaaa aatacaaccg gtgtagaaga aaataaatgg ggagtgaat agaagaaaag 240  
 atgagggagg ggagtgctaa tatttacct agagttttat agacaactgt cccattccat 300  
 cccaattcca atcctgaccc agaaagtgat ggtggcaggt ccaagagaca gagattatgt 360  
 gtcgggacac agacagcctc ccatcccaa ccgtaatgga ttcaatttca agtccacaga 420  
 gtggggagga aggatagggt gggaaagtga gacactcatt ttcaaacaag tctcccttga 480  
 gaattcctgc cttgaagtgc agacagtatc caagctccag gggataggct gaggaccctg 540  
 aggtcagtt cccaaatcat gttgtcattt ggaagtcca ggctaaagt ggtgccatca 600  
 gggctctcca gatttgggag gccccctaa ccgccgggc tctggcctca gttccttgca 660  
 tttctggcaa taaaagaagt cggggacgtt ggtcttttta atcttagcac aggagaggtg 720  
 gatccacgtc ccacacaggc tgcactcaat catgggccgc cctgcaaagg gctttcgaca 780  
 gtaacatgtg atcagatccc atgagtcac acctgattct accatgatgt cctcgtccat 840  
 gaccgcacac tgccttcac tggagctggc atctccatct tggcttgttt cagtgtgcc 900  
 cacctccttg ctttcaactgt cagcaggagg gactccttca ggggtgactg tggcaggggg 960  
 cctaggagcc tcaggggggtg ttggcagcac agggactggg gcttcacccc ctaccactgt 1020  
 tgccatctct tcttcttctt cctcttcctc ctcttcctcc tctcttcag agtctgtatc 1080  
 actggggggg gcctggggag gccaggagg tgggagtcta tcccccggt ctgccttttt 1140  
 taacttccgc ttcttgcctt tcttgattcg agatctcttt tccccatccc caggagttgg 1200  
 ccgaggcctc cgaagcacc caaagccagc ccagctcct ggcccaaact ttcggttctt 1260  
 tcggtccttc tttcgaggag gatgggagag gtccccctgg gaaaggggca cgggggtaag 1320  
 agcagcagg ggccgggagg tatgtgtcag ggtgtgggg gacaaaggag atgccacttt 1380  
 gggcccatcc agatcaaaga gagagtcctt gagcttcac ttctcaagca aggtagcact 1440  
 gtccgggggc tgcagacgag agaaagtgga ccttgggggt cctggctggg tgggacctgc 1500  
 ttgagctgcc cttctcttgg atgactttgc tttcttaaca aaagtctgga tggttcgaag 1560  
 atctgagggg gccgagtccc agccatcact gtccggccga ctctctcctc gcaatggaga 1620  
 gctggagcca gaggctggcc agtcactttc ctctttgcta gggggaatgt aaccagcata 1680  
 tgccaaaaca aaactgcaga atttgttgaa atcctcaatt gttctccgcc gtttctctgg 1740  
 tggctgagtc tctggcttaa gggtcggagg tggatcttcg ggactgggct ccgccatggc 1800  
 ttccagcatc gccccctccc ctctcccggt tccggcgccc cctccccgg agccggggat 1860  
 cccggtgtcg cctctagtgc tcgatgtccc cactgtctcg ctccacagaa gtgtccgcct 1920  
 cagcccggtt gagactcgag tccgctagcc gctgcgcgca cctccctcta ccaactgcctc 1980  
 ccgcacgaaa

<210> 7922  
 <211> 2740  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (288)...(2401)  
 <223> similar to gi3820614 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7922

tttcatgccg	cggcgggcga	gggtgtagtg	gggtcttgct	gggccggttt	tggaggcctg	60
gagtcaaggg	gcgagctcgc	cagggagggc	gagggtcaca	gcaagtctca	ggatcctcct	120
ctgccagttt	ctgggtgggc	cttcctcctc	cagggactca	ctgattccgg	ctggcgccct	180
tcgtctgtag	ccgcgtcccc	tcagacgggt	tcagtccggg	gtcttctgac	ttggaagctc	240
gtgctgattt	cctaagtcag	cccctcctgt	cctcttgcca	agaaataatg	gcggcagcta	300
cgggggatcc	tggactctct	aaactgcagt	ttgccccttt	tagtagtgcc	ttggatgttg	360
ggttttgcca	tgagttgacc	cagaagaagc	tgaacgagta	tcggctggat	gaagctccca	420
aggacattaa	gggttattac	tacaatgggt	actctgctgg	gctgccagct	cgcttaacat	480
tggagttcag	tgcttttgac	atgagtgtct	ccaccccgag	ccgttgctgc	ccagctattg	540
gaacactgta	taacaccaac	acactcgagt	ctttcaagac	tgcagataag	aagctccttt	600
tggaacaagc	agcaaatgag	atatgggaat	ccataaaatc	aggcactgct	cttgaaaacc	660
ctgtactcct	caacaagttc	ctcctcttga	catttgcaga	tctaaagaag	taccacttct	720
actattgggt	ttgtatcctt	gccctctgtc	ttccagagag	ttacctctc	attcaggggc	780
cagtgggttt	ggatcaaagg	ttttcactaa	aacagattga	agcactagag	tgtgcatatg	840
ataatctttg	tcaaacagaa	ggagtcacag	ctcttcctta	cttcttaatc	aagtatgatg	900
agaacatggg	gctgggtttc	ttgcttaaac	actacagtga	tttcttccaa	gggtcaaagga	960
cgaagataac	aattgggtgta	tatgatccct	gtaacttagc	ccagtaccct	ggatggcctt	1020
tgaggaattt	tttgggtccta	gcagcccaca	gatggagtag	cagtttccag	tctgttgaaag	1080
ttgtttgctt	ccgtgaccgt	accatgcagg	gggcgagaga	cgttgcccac	agcatcatct	1140
tcgaagtgaa	gcttccagaa	atggcattta	gccagatttg	tcttaaagca	gttggatggg	1200
aaaagaacca	gaaaggaggc	atgggaccaa	ggatggtgaa	cctcagtga	tgtatggacc	1260
ctaaaagggt	agctgagtc	tcagtggatc	taaatctcaa	actgatgtgt	tggagattgg	1320
ttcctacttt	agacttggac	aagggttgtgt	ctgtcaaattg	tctgctgctt	ggagccggca	1380
ccttgggttg	caatgtagct	aggacgttga	tgggttgggg	cgtgagacac	atcacatttg	1440
tggacaatgc	caagatctcc	tactccaatc	ctgtgaggca	gcctctctat	gagtttgaag	1500
attgcctagg	gggtggtaag	cccaaggctc	tggcagcagc	ggaccggctc	cagaaaatat	1560
tcccgggtgt	gaatgccaga	ggattcaaca	tgagcatacc	tatgcctggg	catccagtga	1620
acttctccag	tgtaactctg	gagcaagccc	gcagataagt	ggagcaactg	gagcagctca	1680
tcgaaagcca	tgatgtcgtc	ttcctattga	tggacaccag	ggagagccgg	tggcttctctg	1740
ccgtcattgc	tgcaagcaag	agaaagctgg	tcatcaatgc	tgctttggga	tttgacacat	1800
ttgttgtcat	gagacatggg	ctgaagaaac	caaagcagca	aggagctggg	gacttgtgtc	1860
caaaccaccc	tgtggcatct	gctgacctcc	tgggctcatc	gctttttgcc	aacatccctg	1920
gttacaagct	tggctgctac	ttctgcaatg	atgtggtggc	cccaggagat	tcaaccagag	1980
accggacctt	ggaccagcag	tgcactgtga	gtcgtccagg	actggccgtg	attgcaggag	2040
ccctggccgt	ggaattgatg	gtatctgttt	tgcagcatcc	agaagggggc	tatgccattg	2100
ccagcagcag	tgacgatcgg	atgaatgagc	ctccaacctc	tcttgggctt	gtgcctcacc	2160
agatccgggg	atttctttca	cggtttgata	atgtccttcc	cgtcagcctg	gcatttgaca	2220
aatgtacagc	ttgttcttcc	aaagttcttg	atcaatatga	acgagaagga	tttaacttcc	2280
tagccaaggt	gtttaattct	tcacattcct	tcttagaaga	cttgactggg	cttacattgc	2340
tgcatacaaga	aacccaagct	gctgagatct	gggacatgag	cgatgatgag	accatctgag	2400
atggccccgc	tgtggggctg	acttctcccc	ggccgcctgc	tgaggagctc	tccatcgcca	2460

gagcaggact	gctgacccca	ggcctggtga	ttctgggccc	ctcctccata	ccccgaggtc	2520
tgggattccc	ccctctgctg	cccaggagtg	gccagtgttc	ggcgttgctc	gggattcaag	2580
ataccaccag	ttcagagcta	aataataacc	ttggccttgg	ccttgctatt	gacctgggac	2640
ttggtcctcc	atgcagtttt	tattttcttg	cacagtgact	gatagccatc	ccccaggatc	2700
ctttcccctt	ggccctgagg	gggtgaccca	acacagacca			2740

<210> 7923  
 <211> 1008  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (135)...(567)  
 <223> similar to gi5832417 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7923						
agtgggtgaa	ttcgagctac	aacctgccag	cctatgctcc	atacctgccc	tgcgaggcct	60
gcgcgatgca	agacgggaga	aaaggagggg	cgtacgcggg	caagatggag	gcgactacgg	120
ctggtgtggg	ccggctagag	gaagaggcgt	tgcggcgaaa	ggaacggctg	aaggccctac	180
gggagaaaac	cgggcgcaag	gacaagggaag	atggggagcc	aaagaccaag	catctcagag	240
aagaggagga	agaaggcgag	aagcacaggg	aacttaggct	gcggaactat	gtcccggagg	300
atgaggacct	gaagaagagg	aggggtgccc	aggccaaacc	ggttgcagtg	gaggagaagg	360
tgaaggagca	gctggaggcc	gccaagcccg	agcccgatcat	cgaggagggtg	gacctggcca	420
acctcgctcc	tcggaagcct	gactgggacc	tcaagagaga	tgtggccaag	aagctggaga	480
aactaaaaaa	gcggaactcag	agggccattg	ccgagctgat	ccgtgaaagg	ctgaaaggcc	540
aggaagacag	cctagcctct	gcagtggatg	ctgccaccga	acaaaagacc	tgtgactccg	600
actgaggcat	gccctgcccc	accactcgcc	catcaggcct	gtcctgcagg	ggatgggtctt	660
gggcagggat	gggggctagg	cttgccatca	cctccagttt	ggcttctgag	cagagactcc	720
ctgcccata	agtctgaaac	ccccatggat	gagggtcagct	ccttgtctgc	tgggtggccc	780
ctgccattct	gaatggaggc	agaaccagca	acaactctgg	gcgtgcctgt	gtctgcacat	840
gtggatgtac	atatgtctgt	atatatgtat	atatattttaa	ctttctaaaa	aaaaatctgg	900
aaatagaaac	aagtaaaaaa	aaaaaaaaag	ggcgccctgt	ttaagggatc	aaagtttact	960
tccgcgggga	tggagagggg	aaagtgtttt	tatggggggc	ccataacc		1008

<210> 7924  
 <211> 2258  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (80)...(1240)  
 <223> similar to gi3877175 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7924
tttcgtcgcg ggcgggcggg cagcgcagcg ccgagcgggg cccgcggggc catgaggagg 60
cctggggacc atgggctcca ggatcaagca gaatccagag accacatttg aagtatatgt 120
tgaagtggcc tatcccagga caggtggcac tctttcagat cctgagggtgc agaggcaatt 180
cccgaggagc tacagtgacc aggaagttct acagactttg accaagtttt gtttcccctt 240
ctatgtggac agcctcacag ttagccaagt tggccagaac ttcacattcg tgctcactga 300
cattgacagc aaacagagat tcgggttctg ccgcttatct tcaggagcga agagctgctt 360
ctgtatctta agctatctcc cctgggttcga ggtattttat aagctgctta acatcctggc 420
agattacacg acaaaaagac agggaaatca gtggaatgag cttcttgaaa ctctgcacaa 480
acttcccac cctgaccagc gagtgtctgt ccatctcagc gtgcattctt attttactgt 540
gcctgatacc agagaacttc ccagcatacc tgagaataga aatctgacag aatattttgt 600
ggctgtggat gttaacaaca tgttgcatct gtacgccagt atgctgtacg aacgccggat 660
actcatcatt tgcagcaaac tcagcactct gactgcctgc atccacgggt ctgcggcgat 720
gctctacccc atgtactggc agcacgtgta catccccgtg ctgccgccgc atctgctgga 780
ctactgctgt gctcccatgc cctacctcat aggaatccat ttaagtttaa tggagaaagt 840
cagaaacatg gccctggatg atgtcgtgat cctgaatgtg gacaccaaca ccctggaaac 900
ccccttcgat gacctccaga gcctcccaaa cgacgtgatc tcttccctga agaacaggct 960
gaaaaaggtc tccacaacca ctggggatgg tgtggccaga gcgttcctca aggccaggc 1020
tgctttcttc ggtagctacc gaaacgctct gaaaatcgag ccggaggagc cgatcacttt 1080
ctgtgaggaa gccttcgtgt cccactaccg ctccggagcc atgaggcagt tcctgcagaa 1140
cgccacacag ctgcagctct tcaagcagtt tattgatggc cgattagatc ttctcaattc 1200
cggcgaaggt ttcatgtatg tttttgaaga ggaaatcaac atgggcgagt acgctggcag 1260
tgacaaactg taccatcagt ggctctccac tgtccggaaa ggaagtggag caattctgaa 1320
tactgtaaag accaaagcaa atccggccat gaagactgtc tacaagtctg acattgccga 1380
gaatggctgc gccccacccc cagaagagca gctgccaaag actgcaccgt cccactgggt 1440
ggaggccaag gacccaagc tccgagaaga ccggcgccca atcacagtcc actttggaca 1500
ggtgcgcca cctcgtccac atgttggtta gagaccaag agcaacatcg cagtggagg 1560
ccggaggacg tctgtgccga gccctgagca aaacaccatt gcaacaccag ctacactcca 1620
cattctacag aaaagcatta cccattttgc ggccaagttc ccgacgagag gctggacctc 1680
ttcatcacat tgacttacgc cgttgctttt ccagactggg caaaggggct gacttcgcag 1740
tgtgtgccaa aaagcgggtg tttgataatc ccattttcct gcttatcacc tgaactgtgt 1800
cagtatcact tttagttttg ttgggttggt gggttggtgt ttgtttaata tgccctgttt 1860
tctacttctg ttggaaaata tttgggggtt aaataaacca gtgggagcat gggagccagt 1920
ttggtggttg gcaaactacc agtgatagaa aacaaatgac aggttttctg tgagcgtacg 1980
tcacagtggc tcgggcccac aaggagacag aggggtacgt ttcaggacat cattccaagg 2040
gtttctgttc acgtttgttt aacgaggaag ggggaagtgt tctcccataa taccagtgg 2100
atttctagt caaccgggt gtttttctac gcctcttccc atgctgcttc cccaccccc 2160
cactgtgctc cgccccttc aaatgccatg tcacaacagc acttgatgt gtttttctca 2220
actgtcatca gctccagctg gcaggaccaa cttcttga 2258

```

```

<210> 7925
<211> 1803
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1804)
<223> n = a,t,c or g

```



<220>  
 <221> misc\_feature  
 <222> (1186)...(703)  
 <223> similar to gi847722 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7925

tttttttttt	ttgccacagg	ttggacaggt	ttttattgga	gagtcaggag	ttgctttcct	60
tccctcgccc	ctgcctcccc	cactcaaaga	acccactccc	agtggggcct	gtccttcac	120
tggccctagg	aatccccatc	cccagctaca	caggcactca	gggagagcgc	acatgctgtg	180
tgggcagaca	gccccaggcc	aggtaggcag	tgagctccct	caaatccctc	cacccccagg	240
actcaggagg	gaggggagc	agaggtgtgg	gcccgggtgtg	cagtcctcag	gcggtccccc	300
gagctcgagc	ccagccaggc	cttgtgcctc	caggatggat	ggtgtgatga	ggcacatgcc	360
ccgtagcctt	tcccttcagg	agggccttaa	ccaagaagta	tcttgtttag	gggctgggga	420
caggggtggg	aagatgacag	gaggacagct	gacctcttca	ccctttgagt	ggtatcccct	480
tcagaagatt	ccagccaaca	ccagaggagg	caggagcagt	agtcccagga	gagggcccca	540
cacatgacca	gggcccaggt	tcagccctga	cacgacgcta	ggcttgctag	ggccctctgc	600
acccattttc	ctagagtctg	atgcttcagt	cgcccgggaag	gatggggcct	cagttaccag	660
gtaaggcaaa	tcctgagcat	cttccgggct	tccgatgggt	tcacagaggg	agttcttgca	720
gtggtagcca	gagggacatt	gggagcacgg	agtccccctc	tggtaggggc	gtttccccct	780
caggttcccc	ggaggctcat	agttgcacac	cagtaattcg	atgttggtct	cctcaacacc	840
ctggagcttc	tcacagaagt	gggaaccaca	gccgatccct	tctgtcttgg	cccataccac	900
ctgctgttag	tggccgcaca	tctggcctgg	gctgcagggt	gcggcgctga	ggttgtagtg	960
ctcacgctcg	tgggtgccact	cctccatggc	cagcggcacg	tccatgccct	cgtctgtgat	1020
ggcgaacaga	ttctcgccgc	ggcgcccgcg	ctccttggtg	tggccccaca	cgcactgccg	1080
tgcgtaggcc	ttggcgaagg	cggccagctc	ctcgtcccat	ctcatgtgca	gcatgtctga	1140
ggccgtcggg	gatacctggg	cccggtagag	ggttggtgag	tccaccatca	aacgtttctc	1200
ctcatctgtg	agggctccaa	cggggcctgt	ggtggccacc	agcagtagca	gtagcggcag	1260
cagaagcatc	aggaaactgc	aggagccgtg	catggtggcc	agccgtctct	ccttctcccc	1320
tccaggggtc	tggcagctgg	atttaaagtc	cttcccacac	aagcaccacc	ctggctgggg	1380
tggggtagtg	ggggccgtgt	ttgaggccca	gcccgaactc	cacaatgtct	cagggagggc	1440
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ggaagtgtct	gactcaggaa	tgcaaggaca	cagttctcag	atgccccccg	ggtggaacca	1680
ggcactggca	ctacagaatg	ccctggtgtg	gtcatctctg	tggcctctgc	caccagtcct	1740
gcccctncnn	nggnnnnttc	nagtatcnat	taganaccct	ggagnnnngaa	gcctggcaac	1800
tct						1803

<210> 7926  
 <211> 980  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (512)...(667)  
 <223> similar to gi4490946 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7926

tttttagtact	gttttaggta	ttgggggatat	accaaggaat	aaaacaagat	tcctggaggg	60
agaggggaac	ggacagcaaa	caatagacac	aatacgatcg	tgaggtatat	agttaatgtt	120
ggtgatgagt	gctcctcaaa	ggaaacaact	aaaaccagac	aaggggaagtc	ggggtgtcag	180
ggagaatggt	ttgtagtatt	gatgacaatg	gttaaggaag	gcctgagttc	tgcaaagacc	240
tcaaggatat	gagggactag	agtgccctct	gctgtggaag	agcctgcgca	aagatcctga	300
ggtgggaggg	gtcagggagc	caactcattt	tacggtaagt	ggaggtggga	tccaggggag	360
gattctgagc	agaggagggg	cgtggcccaa	tttgggcttt	gaaaggatcc	tgcttgtctg	420
tgtgccagca	tcctgggtgg	ggttggggga	gtctgcatca	atcctgggtg	ctgttacctg	480
aaaaaatagc	aggtgttaga	cgaaagaaca	gatgtctggc	ccattgtctc	cagtctgttc	540
ctgtccacag	cttcccttta	tgtctgagccc	ctgccacatg	catcatcatc	ctggccatgt	600
ggcattgtca	cagaccgtct	ctcctgctag	cctcctaact	cagggcctgg	gtcttcccca	660
gcattaagta	aatcagtctc	aggcagacag	ccctttatag	gtgtttgggc	caggtgcggt	720
ggctcacgcc	tgtaatccca	gctctttgtg	gggccgaggt	ctttgagctc	aggagttcaa	780
gaccagcctg	ggcagcatga	caaaaccctg	tctctaccaa	aaatacaaaa	attagccacg	840
catggtggca	cacacctgtg	gtcccagcta	ctcgggaggc	tgaggtggga	ggatcgctgg	900
agcctgggaa	gttgaggctg	cagttagccg	tgatcatgcc	actgcattcc	agcctgtgtg	960
atggagagag	accctgtctc					980

<210> 7927

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (221)...(331)

<223> similar to gi32575 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7927

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aaaaagccat	ccaggaggag	gaggagagag	accaggcctt	gcaggccaag	gcgagcctga	300
ccatcccgtc	ggtgcccgag	acggaagatg	accgcaagct	ggcggtctctg	ctgaagttcc	360
acaccctgga	ctcctacgag	gacaagcaga	aacttaagcg	gaccgagatc	atcagcccgt	420
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<210> 7928

<211> 2002

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (799)...(1700)  
 <223> similar to gi757754 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7928

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cttgccacac	cagaggtatt	ctctggcaca	tgcaggcctg	atgtttcaga	atctcctgaa	180
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aacacttcgc	agttgggtgg	tgctgagcct	gtaaaacgct	gtggaaagtc	tgcactcttt	360
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gaaattaaaa	tggagaaaac	agatgaaact	aggttacaga	aggaagcaga	atttgaaaaa	540
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catactgcga	tgacgaatgc	tc				2002

<210> 7929  
 <211> 2327  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1955)...(657)  
 <223> similar to gi4884150 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7929

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tcttctttat	taaaaaaaaa	aggcggtttt	ctgggttttt	taaaacttct	ccaatacatt	240
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<210> 7930  
 <211> 1294  
 <212> DNA



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```
<210> 7932
<211> 5773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5557)...(2739)
<223> similar to gi5689399 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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cagtctgttt	cgatgtcatc	tatggacccc	aatccattag	aagttccctg	atctgccacg	5100
ccagccgcag	tgccgttact	gagcagagaa	aaggtttcca	attcctgggg	cctcttatac	5160
gccttgcgaa	ctcgcagccc	cagtttctgg	gccagctcct	gaccaagctg	agtcacgctt	5220
tcatcgtggg	gcagggcgag	ggaacaccgg	ctgctgcact	cgtaggcctc	cttgtggcgt	5280
cccagttcat	tgagagcgcg	tgccttgccg	aacaacgccc	ggatactctc	actgtccagg	5340
ccagcgcct	tctcgtctgtc	ctccagcgcc	ttctcataca	ggcccatggt	gaagtagcag	5400
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gcagcgtagt	cggccacggt	cagcccttcc	atgtactgca	ccagagcctg	cttatagtcc	5520
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gcctcatatt	cttcttgctt	taggggtagt	gtcgactgaa	tgaactgcag	ccctttctcg	5640
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gctgcgcgcg	agcccgataa	atggtatgct	atgactagag	gtatgattac	gttattatta	5760
ttagtaataa	taa					5773

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<210> 7933
<211> 3617
<212> DNA
<213> Homo sapiens
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```
<220>
<221> misc_feature
<222> (55)...(1779)
<223> similar to gi23897 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7933						
cgccggcact	cgcccggctc	gcccgcctttc	gcaccaggtt	cacgcgccac	agctatatgt	60
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gcggctggcg	cctgggagct	tacgattttg	cacaccaacg	acgtgcacag	ccggctggag	180
cagaccagcg	aggactccag	caagtgcgtc	aacgccagcc	gctgcatggg	tggcgtggct	240
cggctcttca	ccaaggttca	gcagatccgc	cgcgccgaac	ccaacgtgct	gctgctggac	300
gccggcgacc	agtaccaggg	cactatctgg	ttcaccggtg	acaagggcgc	cgaggtggcg	360
cacttcatga	acgccctgcg	ctacgatgcc	atggcactgg	gaaatcatga	atttgataat	420



ggtgtggaag	gactgatcga	gccactcctc	aaagaggcca	aattttccaat	tctgagtgca	480
aacattaaag	caaagggggc	actagcatct	caaataatcag	gacttttattt	gccatataaa	540
gttcttctctg	ttggtgatga	agttgtggga	atcgttggat	acactttcaa	agaaaccctt	600
tttctctcaa	atccagggac	aaattttagtg	tttgaagatg	aatcactgc	attacaacct	660
gaagtagata	agttaaaaac	tctaaatgtg	aacaaaatta	ttgcaactggg	acattcgggt	720
tttgaaatgg	ataaactcat	cgctcagaaa	gtgaggggtg	tggacgtcgt	ggtgggagga	780
cactccaaca	catttcttta	cacaggcaat	ccaccttcca	aagaggtgcc	tgctgggaag	840
tacccattca	tagtcacttc	tgatgatggg	cggaagggtt	ctgtagtcca	ggcctatgct	900
tttggcaaat	acctaggcta	tctgaagatc	gagttttagt	aaagaggaaa	cgtcatctct	960
tcccattgga	atcccattct	tctaaacagc	agcattcctg	aagatccaag	cataaaagca	1020
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cacgtatcca	tgtgcatttt	aaatggagggt	ggtatccgggt	cgccattga	tgaacgcaac	1260
aatggcaca	ttacctggga	gaacctgggt	gctgtattgc	cctttggagg	cacatttgac	1320
ctagtccagt	taaaagggtt	cacctgaag	aaggcctttg	agcatagcgt	gcaccgctac	1380
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cgaaaacctg	gagacagagt	agtcaaatta	gatgttcttt	gcaccaagtg	tcgagtgcc	1500
agttatgacc	ctctcaaaat	ggacgaggta	tataagggtga	tcttcccaa	cttcttggtc	1560
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catagggggc	ctattaagggt	ggaaaggcaa	ctatgtttta	gtttacgtgt	ccaaatttta	2040
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tccatcaaac	agcttatgtt	tacataaaat	tttatcattc	acaagggaagt	tttaagcaca	2160
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gatccaagac	ctagacctag	gtcttttgaa	ctcaagtcca	gcattctcaa	ctatatcaag	2340
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ggatgacaaa	tctctgcttt	atctcttgct	tctatttttt	cactttatag	ctcctgttat	2460
aataggcaag	tttaattgggt	ataaacacag	ggatacccat	cctctcttgg	caagcaccca	2520
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tgtaagcat	agtgcctgac	acacggcatt	agctgttatt	ttatgagatt	ccatcagctc	2760
tgccctctgtc	ctctttcttc	taacatgaag	gtatcatgag	aagagaacct	tctaacataa	2820
gctgtaattc	taaacctgca	cttgctccct	tccagcaaga	ggctagcact	gaattcattc	2880
tactcatact	acacaccag	ttatggaatg	tccagagttc	tcgaagaaaa	ttaatgactt	2940
taggaagagg	tatacatttt	ttaagtcgct	ctgcctccaa	atctgaacag	tccctgtaaa	3000
tcattcttaa	gcccagata	tgagaacttc	gtggaaaagg	tgggaccctc	tgagtggggg	3060
gtccagaaat	tcccatgct	gatggaattg	ccctatgccc	caagggaccc	aattccttaa	3120
ccgtggggga	gtggacccca	ccatggggcc	ctgctccagc	tctgccatag	gtaattccag	3180
gaaatgggga	ggcttccacc	cttaaaaaacc	agtgtgccaa	atggccagct	agaggtttgg	3240
ataggggaagt	atgggtttggt	tccctagtgt	ttaccaaata	ttaagtactc	ttgatacaaa	3300
atatactttt	aaacttcata	acctttttat	aaaagttggt	gcagcaaaat	aatagcctcg	3360
gttctatgca	tatatggatt	agctataaaa	aatgtcaata	agattgtaca	aggaaaatta	3420
gagaaaggca	catttaggggt	ttatttttta	cacttgcca	gtaaaatagg	gtaaatccta	3480
ttagaatttt	ttaaagaact	ttttttaagt	ttcctaaatc	tgtgtgtgta	ttgtgaagtg	3540
gtataagaaa	tgactttgaa	ccactttgca	attgtagatt	cccaacaata	aaattgaaga	3600
taagctcaaa	aaaaaaa					3617

<210> 7934  
 <211> 1826  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1637)...(780)  
 <223> similar to gi4972734 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7934  
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 ctagtacaata aaaggctttt atagtaagtc catgtgtttt ttaaagaatg aaaattgaca 120  
 atttttatag gtaactaaat ttaagaagtt tacccttttt ccctgttttg cttttaataa 180  
 tgtctgatta gtattttaccc tataaatcat tcaaatgagg atcactggaa aatataaata 240  
 atacaatatc aacaatttta cttttggggg tgtctccagc catctattga tggccccattt 300  
 tcagagtcct atttgggtgt aagggtaccgc tgggaaggga ggaacaagga tttgtcatgg 360  
 gggacttgta cggtttcttt ttgctggatc ccaattttcc attgcttcct tttcatatga 420  
 atagccatct gatgcgatga ccggatcttt cataagttct ctagttattg gacatataaa 480  
 ttcatacagga attcctgaag aaagggattt aaccttggtc ctgagctctt caattttcct 540  
 cagcacttta ctacgcagtc ctagagattc aattttcaaa tcatcagcca gactttcttt 600  
 tgtaagattc aacagttctt ttccatcaat gttattcatc ttgaaaatac caacaagatc 660  
 ttttaaatct tgtgcacaaa gccatgttga gacatcctcc tctgaccaat cttcggtaaa 720  
 ttgcttcagc tgatgttctg tgctccttgc ttggcaaaagt gtttccagggt caaattgcca 780  
 gatgttcact gttttgtcca ttgaaccagt agcaagtaaa aggggtattag gtgcaaaagc 840  
 acaagttgtg acatacctgg tgtgctgagt caatgtgtga agtatattct cagtattagt 900  
 atcatatact atgacagact tatccactga ccctgagact agcatctgcc catcatggga 960  
 aaaagcacia gccagaacag gagcacagtg cccactcagt gtacttttat attttaattc 1020  
 aaaacctaag atatgggtaa aagaaacaat ccaaattttg acttggcaat cctgaccaca 1080  
 tgatgccagt cgaaaaaact gaagaccttg ttctccatca gaaactggct gtgaagaaaa 1140  
 atcgcagcag gtaattccaa gatcatgtgc tttttcacta tgcagacacc tcattttatc 1200  
 atcccacact gttaaatacac cacatgagga gccagtgaac aagaagcttc cattaggaga 1260  
 aaatgcacat gccgccaaag agccatcttt aacactacca catctatata atttgtatga 1320  
 ctgtgcattc cacaaaacca cagttccatc agctgcccct gatgccaac acgtggagtc 1380  
 tggggaaaaac tggcaaaccc tcacagggtc gccactaggc tgttccatca ctgccagcat 1440  
 ctgtccattt tcagtattcc ataggacagt ggtaccatct gttgaacacg atgcaaaaat 1500  
 atgtcctgaa ggggagaaac agcagcagtg gacagcatag gtatgaaact tcaatggaga 1560  
 atgtggcagt tcagtaaagt cacgtaacga gtacaggcga attgttttgt ccaaggagca 1620  
 agtagccaag agggaaaagg agaaggcaca gcagttgaca tcgtcaccat gatcagctaa 1680  
 tgtgtgaatc agtttcacca tgttctttat ttgaagaaaa acagcctgca ggagcggggg 1740  
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 ggctggcggg gcgggcgcgg gcggag 1826

<210> 7935  
 <211> 1394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (58)...(1254)  
 <223> similar to gi344242 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7935

```

cccacgcgtc cggagaaaca gaatcctaac tatttctgag gaaactgcag gtccaaaatg      60
tggctgcttt taacaatggc aagtttgata tctgtactgg ggactacaca tggtttgttt    120
ggaaaattac atcctggaag ccctgaagtg actatgaaca ttagtcagat gattacttat    180
tggggatacc caaatgaaga atatgaagtt gtgactgaag atgggtatat tcttgaagtc    240
aatagaattc cttatgggaa gaaaaattca gggaatacag gccagagacc tgttggtgtt    300
ttgcagcatg gtttgcttgc atcagccaca aactggattt ccaacctgcc gaacaacagc    360
cttgccttca ttctggcaga tgctggttat gatgtgtggc tgggcaacag cagaggaaac    420
acctggggca gaagaaactt gtactattca ccagattcag ttgaattctg ggctttcagc    480
tttgatgaaa tggctaaata tgaccttcca gccacaatcg acttcattgt aaagaaaact    540
ggacagaagc agctacacta tgttggccat tcccagggca ccaccattgg ttttattgcc    600
ttttccacca atcccagcct ggctaaaaga atcaaaacct tctatgctct agctcctggt    660
gccactgtga agtatacaaa aagccttata aacaaactta gatttggtcc tcaatccctc    720
ttcaagttta tatttggtga caaaatattc taccacaca acttctttga tcaatttctt    780
gctactgaag tgtgctcccg tgagatgctg aatctccttt gcagcaatgc cttatttata    840
atttgtggat ttgacagtaa gaactttaac acgagtcgct tggatgtgta tctatcacat    900
aatccagcag gaacttctgt tcaaaacatg ttccattgga cccaggctgt taagtctggg    960
aaattccaag cttatgactg gggagcccca gttcagaata ggatgcacta tgatcagtcc   1020
caacctccct actacaatgt gacagccatg aatgtaccaaa ttgcagtgtg gaacggtggc   1080
aaggacctgt tggtgaccc ccaagatggt ggcccttttgc ttccaaaact ccccaatcct   1140
atttaccaca aggagattcc tttttacaat cacttggact ttatctgggc aatggatgcc   1200
cctcaagaag tttaacaatga cattgtttct atgatatcag aagataaaaa gtagttctgg   1260
atttaaagaa ttatccggtt gtttttccaa aatactttat tctctcatac atagtatttt   1320
cataatgttt gacatgcagt gcttctttct gtaattttga ctttagaaat atattggcat   1380
caacaaaaaa aaaa                                     1394

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<210> 7936  
 <211> 4518  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (183)...(3306)  
 <223> similar to gi36675 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7936

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tttcgtccca gacaggggct ggcgggcccg cgggccccgg ctcaccgact cgggcagcat      60
ccacctgccc cagccaacac ctttctctcg cccaggtcc tttctcagcc tccagctggg    120

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ctgtcccaa	gctgagctga	ggctcttctc	ctccgatccc	cacctctgcc	cggacatcca	180
ccatggggac	agccaccagg	aggaagccac	acctgctgct	ggtagctgct	gtggcccttg	240
tctcctcttc	agcttgaggt	tcagccctgg	gatcccaaac	caccttcggg	cctgtctttg	300
aagaccagcc	cctcagtgtg	ctattcccag	aggagtccac	ggaggagcag	gtgttgctgg	360
catgccgcgc	ccggggccagc	cctccagcca	cctatcggtg	gaagatgaat	ggtaccgaga	420
tgaagctgga	gccagggttcc	cgtcaccagc	tgggtggggg	caacctgggc	atcatgaatc	480
ccaccaaggc	acaggatgcc	gggggtctacc	agtgcctggc	ctccaaccca	gtgggcaccg	540
ttgtcagcag	ggaggccatc	ctccgcttcg	gctttctgca	ggaattctcc	aaggaggagc	600
gagaccaggt	gaaaactcat	gaaggctggg	gggtgatgtt	gccctgtaac	ccacctgccc	660
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tcttcagcaa	gtttgctcag	ctcaacctgg	ctgctgaaga	taccgggtc	tttgaccca	900
gcatcaaggc	ccgggttccca	gcagagacct	atgcactggg	ggggcagcag	gtcaccctgg	960
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atgagggcac	ctacgagtgt	gaggcggaga	actccaaggg	ccgagacacc	gtgcagggcc	1140
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ggctgcggaa	cggggagcct	ctggcctccc	agaaccgggt	ggagggtgtg	gctggggacc	1320
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ctggaatcct	atctgtgcga	gatgcaacca	aatcactctc	agccccctca	agtgccgaca	1740
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accggagaac	taatgtgaag	gagaccattg	gggatctgac	catcctgaac	gccagcctgc	1920
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gcccttctgc	caacgccacg	accatgaagc	cccccccgcg	gcgacctcct	ggcaacatct	2940
cctggacttt	ctcaagctct	agtcttagca	ttaagtggga	ccctgtgggtc	cctttccgaa	3000
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acctgggcac	cgtcatttcc	cactccgtgg	cgatgctgat	cctcataggc	tccctggagc	3300
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cagccccttc	ctgctgccaa	ggtggccctga	cactgtgcca	gagagtggct	ggttttaaat	3420
acctacttta	aacagtgcct	ttttttagtg	aggtaggata	ttttatattc	tgcgcgagga	3480
tagaaccac	gcaaggattt	tcttttaaatt	gagaggcacc	aggcagtaac	ttccatgatg	3540



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tccccaggtc	tggactaggg	agtgcagaga	gggctgcagt	tgtcatcggc	ctgcatggga	1320
ggggagggcc	tgagcaggtg	gtctgacctg	ggaggttaagg	ggctctgctc	tgggcctggt	1380
aggggtcccca	gggaaaggtg	gccaaagaagc	tggacacacc	taattagact	aagaccctcc	1440
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aagagcctt						1509

<210> 7938  
 <211> 1084  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (133)...(902)  
 <223> similar to gi2253585 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7938						
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tacgcccacg	cgtccggagg	agaccaggac	agctgctgag	acctctaaga	agtccagata	120
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caaa						1084

<210> 7939  
 <211> 3710  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature

<222> (3544)...(3446)  
 <223> similar to gi2224518 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7939

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<210> 7940
<211> 1959
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1266)
<223> similar to gi306714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cgtccccgga ggagatcaag aaggcctatc ggaagctggc gctcaagtac cccccggaca 180
agaaccgga tgagggcgag aagtttaaac tcatatccca ggcatatgaa gtgctttcag 240
atccaaagaa aagggtatgt tatgaccaag gcggagagca ggcaattaaa gaaggaggct 300
caggcagccc cagcttctct tccccatgg acatctttga catgttcttt ggtggtggtg 360
gacggatggc tagagagaga agaggcaaga atgttgtaca ccagttatct gtaactcttg 420
aagatttata taatggagtc acgaagaaat tggccctcca gaaaaatgta atttgtgaga 480
aatgtgaagg tgttggtggg aagaagggat cgggtggaga gtgcccgtgt tgcaaggggc 540
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ctggtgatgt cataattgtg cttgatcaga aggatcatag tgtctttcag agacgaggcc 840
atgacttgat catgaaaatg aaaattcagc tttctgaagc tctttgtggc ttcaagaaga 900
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<210> 7941  
 <211> 4423  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (264)...(1996)  
 <223> similar to gi939885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7941	
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gcggagaggc	cttgccgctt taagagccgg gctagcgatt gacaagcaat aaacgctgag 180
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ttggggccca	tgagaggctg gaggagacga agctggaggc cgtgagagac aacaacctgg 540
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ctgtccatat	tcagtcccag	ccccagtgcg	cttctctgt	tccctccctc	agccatccaa	4380
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<210> 7942

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (56)...(413)  
 <223> similar to gi3805814 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7942

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ggcagatgcc	agaaagagga	aggcccggcg	actgaagcag	gcaaaggagg	aggcacagat	180
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accctcactg	ggactttgta	aacttccaag	tcattctcac	ctaaaccctc	tgtgaaatth	660
gtaatatggg	gaagtaggaa	tgtggaaaac	atcctgactt	cagtgtctgg	ccgatgtggg	720
tccctctctt	gaccctgtca	cttgctggct	gtgaaaccag	gacaagctac	ttaacttggt	780
agcctcgat	gtctctct					798

<210> 7943

<211> 2387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (370)...(1101)

<223> similar to gi3628745 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7943

tttcgtcaag	aggaggatta	gcttccactc	cgatttcaat	gatccagttt	accactcta	60
cagcccagat	ataggcactt	atttcccctt	tccagccaga	gacttcogtt	ccctgctgga	120
acttccgatc	ccattcttct	ctcgggtggg	atgcttgttg	ggggaaaaag	aaacgcaata	180
gataaagcgg	ggcgcgatgc	ctcccggcac	aggcttcgat	tgtgaggaag	gccggctagt	240
ctccgagctc	atcccgctt	gcgcgatgcg	agaaggtaaa	ccagcgcccc	gagttgaggc	300
gcgggttttg	tggcgcgctt	cagcgaagtc	gcacgtgaag	gatagcagtg	gcctgagaaa	360
gaccagtc	tggcagcctc	cagcatcagt	tcaccatggg	gaaagcatgt	gttcaaagcc	420
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tcagagtctt	cgtcccaggt	gttgtgggac	atctcatcag	ccatttctgt	ggccttcttt	660
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cggatcctgt	ggggcctgaa	gcttgtcate	ttcctggccg	gcttcgtggc	cctgatgagg	900
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ctgctgagcc	ggctcactgg	ctcccagacc	tctggggccc	aactcgaggc	caaggtgcga	1020
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cgcagtgtgg	aggaggagt	agccggatgc	cccacacacc	gccagtgtca	taccaaagag	1140
ctgagctgct	tgggggccat	gcagccctcc	tgccagcccc	ctgccctttt	cttgccctgt	1200
ctctgaacct	tcagaacatt	gatccttgcc	gcagcccccac	tagccaagag	aaacagagaa	1260
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cctctggcct	ctgcatctgc	gccagcaaac	atcactgcgc	ttggtctctc	atgacttaac	1440
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aaaagatggc	tgctgctttg	taggcatgtg	cctgcaagt	ggaccttgct	gggcattata	1920
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caactgcatg	cacttctctc	cccatcgctc	cacaacctga	aaccgagaag	gagttgctga	2040
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tcagagagc	agggtgagct	gccagctgcc	ccctccacc	agggtaccct	gtccttggtg	2160
ttaggggcca	cttttctctt	gaggctctag	tggaggtgga	tgtccttctc	tgccaggctt	2220
ggcacatgat	gtgaagaata	aatgcccaat	tcttactgtt	caggtttgat	gtggaatcac	2280
agctgcagt	atatatat	tttatcagtg	cttggttggt	tttaaataaa	gtgcacgcta	2340
ttttattatc	ttgttctgaa	taaaatgtat	ttactccaaa	aaaaaaa		2387

```
<210> 7944
<211> 3015
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(1576)
<223> similar to gil657458 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 7944						
tgcacgcccgg	tcgcgcgcag	catggccacc	accgccacct	gcacccggttt	caccgacgac	60
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aaaacctcca	cgcaggagta	cgcagcaaaa	atcatcaata	ccaagaagtt	gtctgcccg	180
gatcaccaga	aactagaacg	tgaggctcgg	atatgtcgac	ttctgaaaca	tccaaacatc	240
gtgcgcctcc	atgacagtat	ttctgaagaa	gggtttcact	acctcgtgtt	tgaccttggt	300
accggcgggg	agctgtttga	agacattgtg	gccagagagt	actacagtga	agcagatgcc	360
agccactgta	tacatcatat	tctggagagt	gttaaccaca	tccaccagca	tgacatcgtc	420
cacagggacc	tgaagcctga	gaacctgcgt	ctggcgagta	aatgcaaggg	tgccgcctgc	480
aagctggctg	attttggcct	agccatcgaa	gtacagggag	agcagcaggc	ttggtttggt	540
tttgctggca	ccccaggtta	cttgtccctt	gaggtcttga	ggaaagatcc	ctatggaaaa	600
cctgtggata	tctgggcctg	cggggtcata	ctgtatatcc	tccctggtgg	ctatcctccc	660

ttctgggatg	aggatcagca	caagctgtat	cagcagatca	aggctggagc	ctatgatttc	720
ccatcaccag	aatgggacac	ggtaactcct	gaagccaaga	acttgatcaa	ccagatgctg	780
accataaacc	cagcaaagcg	catcacggct	gaccaggctc	tcaagcacc	gtgggtctgt	840
caacgatcca	cggtggcatc	catgatgcat	cgtcaggaga	ctgtggagt	tttgcgcaag	900
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aacaacaaaa	acagtctcgt	aagcccagcc	caagagcccg	cgcccttgca	gacggccatg	1080
gagccacaaa	ccactgtggt	acacaacgct	acagatggga	tcaagggctc	cacagagagc	1140
tgcaacacca	ccacagaaga	tgaggacctc	aaagtgcgaa	aacaggagat	cattaagatt	1200
acagaacagc	tgattgaagc	catcaacaat	ggggactttg	aggcctacac	gaagatttgt	1260
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cttcattgtc	cctctctgtg	ctcaaggagt	tccattccag	gaggaagaga	tctataccct	2940
aaggcagata	ggcaaagaag	ataatggagg	agcaattggt	catggccttg	gtttccctca	3000
aaacaacgct	gcaga					3015

<210> 7945

<211> 1379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(518)

<223> similar to gi5817177 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7945

agagagcgcg	gtggaattca	gacatggggg	acctgccggg	cctcgtgcg	ctctccatcg	60
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gccagaaccg	caccatcaag	ctgctcaccg	gtcctccta	caagggttgag	gtgaagatta	180
aaccagcac	gctgcaggtc	gagaatattt	ccattgggtg	tgtgcttgtc	ccactggaac	240
tgaagtctaa	agagcctgat	ggggacagag	ttgtttatac	gggtacatat	gacacagaag	300
gtgtgacccc	aacgaagagt	ggagaacggc	aacccatcca	gatcaccatg	ccgttcacag	360
acattgggac	cttcgagaca	gtgtggcaag	tcaagttcta	caattaccac	aagcgggatc	420
actgccagtg	gggaagcccc	ttctctgtca	ttgagtatga	atgcaagccc	aacgagacac	480
gcagtctgat	gtgggtgaac	aaggagtcct	tcctctgaaa	gtggctcttt	ctgatgctac	540
tggacaatct	tttcagaaat	ctacttttag	ataaaccagc	gcaggcctta	aacaaggcat	600
gccacaccat	tgtctgtccc	catctggtac	taatgacct	ctagccctgg	ttattttgaa	660
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tccactgact	aactttggtg	ttttgtttcc	aagttaagtg	attcctcctt	ttttttgttc	900
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gtaacaaact	agaaggacaa	atatgtacgt	atttataacg	tattaaaact	cttttaagta	1140
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ccattgttaa	agtgcacagga	gttgtagggt	tacccctttg	acaagcttcc	atagtcttca	1260
gacacgcaca	ttgatggcat	ccctacagtc	ttcttcactt	gaactttgta	aaactgcata	1320
tggacctgta	atcaactttt	gatattttct	aataaaggcg	ttgaaaatca	aaaaaaaaaa	1379

<210> 7946

<211> 2262

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (309)...(1371)

<223> similar to gi402478 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7946

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aagctagcag	gctcctctgc	tgaggagctg	gtgcctgtcc	agacgcagaa	gaaaactgac	120
acctcccacg	tgggggacag	aaaggtcctc	tcattgggtg	cacctgcaga	gatagacaag	180
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gcgggctgag	gaggagacaa	aggccaggac	gctccgcagc	tgttggggaa	gaggagctgc	300
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gctacagaaa	tgtctgcaag	gagaacagca	ctgtaggcat	gaagatccag	gaggagctgc	420
aacgttccgg	gggcctggac	cacctcgtac	tctcgccagg	agaatggccc	gtgagtgcac	480
acaccatcat	gcacatcgca	accgccgagg	ccctcaccac	agactactgg	tgcttgatg	540
atctgtaccg	ggagatgggt	agatgctatg	tggaaatcgt	tgagaagctt	ccagaacgcc	600
ggccagaccc	agctaccatt	gaaggctgtg	ctcagctaaa	gccaataaac	taccttctcg	660

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cctggcacac accgttcaat gaaaaaggct cagggttttg agcggccacc aaggccatgt 720
gcatcggcct gcggtactgg aagcctgagc ggctggagac cctcatcgag gtcagcgtgg 780
agtgcggccg gatgaccac aaccatcca caggcttctt gggctccctg tgcacggccc 840
tgtttgtgtc gttcgccgca caaggaaagc ccttggcca gtgggggaga gacatgctgc 900
gggcggtgcc tctggcagaa gagtactgca ggaagaccat ccggcacacg gcagaatacc 960
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<210> 7947
<211> 1414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(1414)
<223> similar to gi5106988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gattgctgtg gaattcctga gacgcggcgc aaacccaaaa atctacgaag gcgcccag 180
aaaactcaat gtgagtagtg aactgtcca gcatggtgtg gaaggattaa cgtatctcct 240
cactgagagc tcaaagctca tgatttctga actggatttc caagactctg ttttgttct 300
gggattctct gaagaattaa acaaattggt gcttcagctt tatctggaca acagaaaaga 360
gatcagaacg attctgagtg aattgggcac caagccttcc cagttatcat aaccttgaat 420
ggcgactaga tgtacagctt gcaagtagaa gtctcaggca acagattaaa ccagcagtga 480
ctataaagct acaccttaat caaatggag atcacaacac caaagtctct cagacagacc 540
cagccaccct gctccatttg gttcaacaac tggacaacagc attggaagag atgaagacaa 600

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atcactgtag	gagagttggt	cgcaacatca	agtagtacca	gttttaaggt	tttaattcat	660
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attcatgatg	ataaatacat	agtattcctc	agtatctatt	ccaagatact	gaggtcataa	780
tcagaagcta	agctgggtgc	agtggctcat	gccagttatc	ccagcacttt	gggaggccga	840
ggtgggcaaa	tcatgagggtc	aggagattga	gaccttcctg	gctaacatgg	tgaaacccca	900
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gctgagattg	tgccactgca	ctccagcctg	ggtgacagag	tgagactcca	tctcaaaaaat	1080
aataataata	ataataaagt	aaaaataaaa	ataaaaaagt	aatcagaagc	taaagtaaag	1140
ttcctttcct	ggtgctaact	gtggtcttct	tgacacatta	agatgtattt	tgtattttta	1200
gagtctcatg	ctctaccgtt	gggaactagc	cagatggcca	ttattttgta	ttttaaatac	1260
ataaatagga	ttgaatcaac	tagaaatgaa	tctatatggt	ctgtatatat	gaatgactat	1320
cttggttttg	ctacttcttt	tgactgctta	attttattat	tttcatcttt	attgatcaaa	1380
tttcccaata	aaattcacia	tgtaatacta	aaaa			1414

<210> 7948

<211> 2629

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (73)...(791)

<223> similar to gil469177 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7948

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ggtcaggaca	caatgtttgc	acgaggactg	aagaggaaat	gtgttggcca	cgagggaagac	120
gtggagggag	ccctggccgg	cttgaagaca	gtgtcctcat	acagcctgca	gcggcagtcg	180
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gggacgtggc	gcacagtggc	accccagggt	gcagagcggg	cgccgctcga	ccgcttggtc	360
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tgtcattgaa	gacaaaaggtc	aaatatTTgt	ctgtttgtag	atcacaggca	ccagttggtc	1620
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tcggaaaaaca	gactgggtct	gtggaaggac	cacagacagg	agagaacag	tgctgtgact	2580
tagaagtgtg	gccggagtct	cattccctgg	actcgcctg	ttcacctgt		2629

<210> 7949

<211> 2526

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (89) \dots (1001)$$

```
<223> similar to gi5114057 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 7949

aggaattccc	gggtcgacga	tttcgtgacc	ggctcaccgg	gtcgtttggt	ggctccgtct	60
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ctccggtctc	accatcctgt	cccagccgct	catgtacgtg	aaagtgtctc	tccaggtggg	180
atatgagcct	cttcctccaa	caataggacg	aaatatTTTT	gggcggaag	tgtgtcagct	240
tcctggctct	tttagttatg	ctcagcacat	tgccagtatc	gatgggaggc	gcgggttggt	300
cacaggctta	actccaagac	tgtgttcggg	agtccttgga	actgtggtcc	atggtaaagt	360
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agaagtctca	tcttcctttg	accacgttat	caaggagaca	actcgagaga	tgatcgctcg	480
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gttcattggc	agagaatcca	agtactgtgg	acttttgtgat	tccataataa	ccatctatcg	600
ggaagagggc	attctaggat	ttttcgcggg	tcttgttcct	cgcttcttag	gtgacatcct	660
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ggtttctacc	atgaatgaaa	tgaagagtta	ttctcaagct	gtcacaggat	tttttgcgag	780
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gtggcgcgct	tttttaataa	tcattttaatc	ttgggaaaat	tcaggtgttt	ggtgtctgcc	1140
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aatcactaaa	ttaaactata	tgggagggtta	tgaattactt	tttcttgggt	agaccctaaa	1440
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tccatgtctg	gtaatgccaa	cccaagtcga	catgggtctt	aggacactga	ccacctcaca	2040
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aaataaaaatt	caactcaagc	ataaagcttc	tgtttactca	ggccttctaa	aaagcagggt	2160
aaaatgctct	aaaatgagaa	agcctgtggt	ttcacttatt	tatataactc	actgggacat	2220
tgccaaatga	gtaagcactt	aattcgctgc	ttctgagact	tctctgtcaa	aacagcccca	2280
ctgataatat	tagacagaac	gagaatgcag	gggtctcttc	cctcccctgg	ggtttaggaa	2340
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tgtcaatttt	atatactatt	tcaatattac	tatctgcatt	tgttttaata	taaaaatgtt	2460
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aaaaaa						2526

<210> 7950  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (295)...(451)  
 <223> similar to gi338423 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	7950	
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gttctgaata	gaacatttat	tgacgaagtt
gaggctgttg	gtggcagctc	gctgctcacc
ctggggacaa	tgcggatgcc	cgccccctcg
cctgaggaaa	gcgaatctcc	ctgggggtgcc
gtccacctcc	ctccaccagg	atggcagcca
ctcctcgteg	ggctcctcct	gtgacagtcg
ggctcccgcg	aagaatgggg	caggctccct
ctgtggcgct	cacctcccag	ggctgtggcc
tggtgtcggg	aagttgcatt	tcctgggcta
tgacagaaagt	atgaccacac	cgcagaactg
cggcggggcgc	tttaattccc	
taactgctag	ggtgccggga	tgaggagctct
agcaatgccca	ggatgcctgt	
gtgagcctga	cctctaccac	
gaggagccca	gcagctccga	
catctgcccc	acagcaacaa	

caactccagc	agctggttga	acgtgaaggg	gccccctctcc	ccgttcaaca	gccgggcagc	660
ggcagggcct	gcacaccaca	agctcagcta	cctggggccga	gtggtgcggg	agatcgtgga	720
gacagagcgc	atgtacgtac	aggacctgcg	cagcatcgtg	ga		762

```

<210> 7951
<211> 2120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(526)
<223> similar to gi458960 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7951						
catggctagc	ccagccgcct	cctcgggtgcg	accaccgagg	cccaagaaag	agccgcagac	60
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gaaccgggac	aaagcagttc	caattccaga	gaaaatgagt	gaatgggcac	ctcgacctcc	180
cccagaattt	gtccgagatg	tcatgggttc	aagtgtcggg	gccggcagtg	gagagttcca	240
cgtgtacaga	catctgcgcc	ggagagaata	tcagcgacag	gactacatgg	atgccatggc	300
tgagaagcaa	aaattggatg	cagagtttca	gaaaagactg	gaaaagaata	aaattgctgc	360
agaggagcag	accgcaaagc	gccggaagaa	gcccagaag	ttaaaagaga	agaaattact	420
ggcaaagaag	atgaaacttg	aacagaagaa	acaagaagga	cccggtcagc	ccaaggagca	480
gggggtccagc	agctctgcgg	aggcatctgg	aacagaggag	gaggagggaag	tgcccagttt	540
caccatgggg	cgatgacaat	gtttgccaca	gcctctgcct	ggaacctggc	tcgtgctgtg	600
accagaaggg	aaaggcggct	gtttggctct	ttctcccccg	caaggacctg	ctgacctgct	660
ggatggagag	caaaggagac	ccctcccag	ccgctcacag	tcctgtattt	ggcagggtttg	720
ggagcctgag	gggcatctc	cctgacactc	agaggcactg	ccttgacagc	accatccgtg	780
ctcctggtaa	agggggacag	agagcctcac	cttgccacat	atgtgaacag	tgatgagttt	840
ggggctggtt	tctgggaagg	gaacgtttat	ttagtaaaga	gcagaacacc	cttgcgtttt	900
gttgggacat	gtggaccgtg	agtcgcaaac	actctggaga	aggctgagat	gccaccattc	960
ccacggggac	tgaagacaca	ttacgtggac	ctggtcccag	gctcagttag	gagatggcct	1020
cagctgtggg	gctggtccat	gttgcccact	cactccagtg	ggaagtgggg	accacgccat	1080
agagggtctg	ctcccactgc	agctcccggg	gctctcgtgt	tctgggaagg	cctgggtgtg	1140
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agacagtttc	tagttagagc	cttggctcca	tttttggtatg	atthagcccc	gagttcctga	1860
gtctatttta	tgccccttac	gtactttgat	agaactaagg	aaatagtggg	tttgagttaa	1920
gggaaaggaa	accagaaaac	attttacgtt	gcttttactt	ctgtagtgtg	gattgccccg	1980
gccccctctc	gagccctgta	gcactctgtga	tagcttctgt	cccttcacgc	gttcattgtca	2040

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cagggattttt ctttcccagg aagcggacac ggagagtcag ccctaataaa tgagcacatg 2100
ccctggctgt aaaaaaaaaa 2120
```

```
<210> 7952
<211> 1350
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (411)...(900)
<223> similar to gil054752 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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09406725.042400
<400> 7952
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gagatctaata tgggtagggc ggggtgtagac tagcctgccg agccgcccgc tggcacctgc 180
agcctcctgg gcgcccgcgc ggcgccggcg agaaagtgtg taaagggagc gaggtggttg 240
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gtctggagac gcagtttctt gttaatgaca ataaatccct gctccccctg cctcagacat 360
ctacgcagcg aaatcgagcc tggccttgag ggtccacacc gcgagggaag atgcgtgcgc 420
ccattccaga gcctaagcct ggagacctga ttgagatttt tcgccctttc tacagacact 480
gggccatcta tgttggcgat ggatatgtgg ttcatctggc ccctccaagt gaggtcgcag 540
gagctggtgc agccagtgtc atgtccgccc tgactgacaa ggccatcgtg aagaaggaat 600
tgctgtatga tgtggccggg agtgacaagt accagggtcaa caacaaacat gatgacaagt 660
actcgccgct gccctgcagc aaaatcatcc agcgggcgga ggagctggtg gggcaggagg 720
tgctctacaa gctgaccagt gagaactgog agcactttgt gaatgagctg cgctatggag 780
tcgcccgcat tgaccagggt agagatgtca tcatcgctgc aagcgttgca ggaatgggct 840
tggcagccat gagccttatt ggagtcattg tctcaagaaa caagcgacaa aagcaataac 900
tgaaaaagac tgtcctgtca gcgatgactt tatacatcaa ggggggtctt ttttgctaga 960
gagtttgggg tttggtttgt ggatttcatt gtgatttata ataaggctta ttttcacaga 1020
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tgtgaagtct gttcagggaa cagccgggct gtcttctctg tcagggattg tctttcactt 1140
tctttttgcg tgctgtgttc tttgcattgc aggaggcaga gtccagctcc agttatctca 1200
agtagagggc gtttctggtc gtcaggatac atgcggggcg gaaggagac agaaagacat 1260
aatacacaag aacagaaagc agcagacagc caggaccctt ggcccggaac tagatctagg 1320
atggcctctg agactcagca gctggagtct 1350
```

```
<210> 7953
<211> 1049
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
```

<222> (110)...(748)

<223> similar to gi897693 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7953

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cgccggaagc	ttctcggagg	agcagttctg	ggaggcctgc	gccgagctcc	agcagcccgc	180
tctggccggg	gccgactggc	agctcctagt	ggagacctcg	ggcatcagca	tctaccggct	240
gctggacaag	aagactggac	tttatgagta	taaagtcttt	ggtgttcttg	aggactgctc	300
accaactcta	ctggcagaca	tctatatgga	ctcagattac	agaaaacaat	gggaccagta	360
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cgagaggtct	ggggtgatcc	gggtgaagca	atacaagcag	agcctggcga	tcgagagtga	600
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tgtcttcaga	ggcctacaca	ctaccacatc	ctttctaagc	atgtttgcct	gacatccagc	960
tcactcgtct	gcttcctttc	tcgtctcccc	catcctgggg	ctgggctggc	cttcttctac	1020
agttcaatat	ggggcagact	aaggaaaacg				1049

<210> 7954

<211> 2536

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (115)...(1652)

<223> similar to gi3088575 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7954

cgttgcccaa	cccgggtccc	gccccagac	acgccgggct	ctcggggcac	cacagccatg	60
tgctcgtag	cgtcaggcgc	taccggcggc	cggggcgctg	tggagaatga	ggaggacctg	120
ccagaactgt	cggacagcgg	ggacgaggcc	gcctgggagg	atgaggacga	tgcagatctc	180
ccccacggca	agcagcagac	cccctgcctg	ttctgtaaca	ggttattcac	atctgctgaa	240
gaaacatttt	cacactgtaa	gtctgagcat	cagtttaata	ttgacagcat	ggttcataaa	300
catggacttg	aattttatgg	atacatgaag	ctaataaatt	ttattagact	taagaatcct	360
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gtgtcagtac	ccttctcata	ccccaatgga	ctcagtga	atacatctgt	tggtgaaaaa	540
ttgaaacata	tggaagccag	ggcactgtct	gctgaagccg	cattggccag	agcacgtgag	600
gatctgcaaa	aatgaaaca	atttgctcag	gattttgtga	tgcacacaga	tgtcagaacc	660

tgctcgatcat	ctactagtgt	cattgcggac	ctccaggagg	atgaggatgg	tgtttatttc	720
agctcatatcg	ggcattatgg	gatacatgaa	gaaatgctaa	aggacaaaat	acgaacagaa	780
agctaccgag	atttcatata	ccaaaatcca	catatcttca	aagacaaggt	agttttggat	840
gttgggtgtg	gaactggaat	tctctctatg	tttgctgcta	aagctggggc	gaagaagggt	900
cttggagttg	atcaatctga	aatactttac	caggcaatgg	atattataag	actaaataaa	960
cttgaagata	ctattacact	aattaaagga	aagattgaag	aagttcatct	tcctgtagaa	1020
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atagattgcc	atacgcagtc	tatctcagat	ttggaatttt	catcagattt	taccctgaaa	1380
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aataattcaa	ctcaaactta	tggtctccag	tgaaacagcc	ataaaaagcac	actaccttgt	1680
agtttttaaat	gtgggggtag	agtgggtcag	caggagggag	ctgggttttat	gtgagcagat	1740
ggatggatga	tggacccttt	cctaattgagc	ctcctcaata	agagagaagt	tctcattgtg	1800
ggaatctgac	atagttcagc	tgaggaagag	aatcagctga	tcctcatggg	ctgccacgta	1860
atcattttct	tagacgtttg	ctccaccaga	tttaaccaaa	tgtaactccc	acattgagtt	1920
tatctatatt	gaaaatcatt	tacattggcc	tatatattgga	agagagatag	tcttttgttt	1980
ttaataagtt	tcttactata	aatttttaaac	aaatttggtta	gttatattgga	tattttatta	2040
aactagtaac	acagggtacta	cacattttat	tatggactcc	tctgaggagg	gagtttttaa	2100
ttgtattttgc	tagaaaaatca	ggatgtaata	aagattttgta	taaaaaaact	aaaatatgga	2160
aaagagcttc	agccttcata	tacaaatcat	atatgcagac	agcctagtgt	attatctagc	2220
atacttaggg	ttctcatttt	gtagtttctt	cctctcttgt	gactattcct	tagccttata	2280
gattttctagt	actgcccagg	aaatctaatt	tcaatacatt	tatcctaggt	ttcatgaaag	2340
tttttaaaaga	ttgggataaa	tatgtactta	tttactaacg	tattatcttt	ttcaaaccag	2400
atattatgtgc	aaagggttaaa	catgtttaat	gttactaagc	agtctataaa	gttgtcattt	2460
acaattactg	attcaattttg	aaatgtagaa	taaaatttta	ataaaaatgta	tccttataaa	2520
atatttttaa	aattatt					2536

<210> 7955

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (123)...(779)

<223> similar to gi2338290 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7955

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acatggggag	ggttttcttc	acgggagaaa	aagccaattc	catattaaaa	cgctacccaa	180
gagctaattg	gttttttgaa	gaaataagac	agggcaacat	tgagcgtgag	tgcaaagaag	240
aattctgtac	atttgaagaa	gcaagagaag	cttttgaaaa	taatgaaaaa	actaaggagt	300

```

tttggagcac ctacacaaaa gcgcaacaag gggagagtaa ccgaggaagt gactgggtttc 360
agttttacct tacctttccg ttaatctttg gcctcttcat tatcctcctt gtcatttttcc 420
taatctggag atgcttccta agaaacaaaa ctgtagaca gacagtgact gaaggccaca 480
ttcctttccc tcagcacctt aatattatca cccaccccc cccaccagat gaagtgtttg 540
acagcagtgg attgtctcca ggctttcttg gatatgtagt tgggcgctca gattccgtct 600
ctactcgct gtccaattgt gatccccgc caacctatga ggaagccact ggccaagtga 660
acctgcagag gagtgaaca gaacctcatt tagaccacc cccagagtat gaggacatag 720
tcaactccaa ctcagccagt gccattccta tgggtgcctgt ggtcaccacc atcaaaa 776

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<210> 7956  
 <211> 866  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (432)...(677)  
 <223> similar to gil946692 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7956
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cattcctcag tacgtggcac ccttggaag tgctgtctg gtcaatcgaa gagtcctcgt 120
ttcgacaaaa aaaattcccc tcagaaatat gcatggcacg gcaatgaagg catttcacta 180
tgaagtggaa tgatgattgt ccgaccaggt caggacgaac atatgagggg ttagatctaa 240
gcaggcacta ttaaagacag tcgcatccgg gccctcctgc cgcaagctgc cctcccagcc 300
aagggtcctt caggtaggag gtcttggtg actttggaag tccgtagtgt ctcatcgag 360
ataattttta gcttagggcc tgggtgctag gtgcgttctc tcttttccag tcggagacct 420
ctgccgcaaa catgctccgc cagatcatcg gtcaggccaa gaagcatccg agcttgatcc 480
ccctctttgt atttattgga actggagcta ctggagcaac actgtatctc ttgcgtctgg 540
cattgttcaa tccagatgtt tggtgggaca gaaataaccc agagccctgg aacaaactgg 600
gtcccaatga tcaatacaag ttctactcag tgaatgtgga ttacagcaag ctgaagaagg 660
aacgtccaga tttctaaatg aaatgtttca ctataacgct gctttagaat gaaggtcttc 720
cagaagccac atccgcacaa ttttccactt aaccaggaaa tatttctcct ctaaatgcat 780
gaaatcatgt tggagatctc tattgtaatc tctattggag attacaatga ttaaataaat 840
aaataactga aacttgaaaa aaaaaa 866

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<210> 7957  
 <211> 1552  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1309)...(1080)  
 <223> similar to gi4914409 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7957

gtccataaac	ctcagagtta	gggaaagttg	agtggtgaccc	acaatgccag	ctacctagaa	60
actaaggtag	atctaggtag	tgggattaaa	gatatcataa	aatcattaaa	atgttttctg	120
aaatgtttga	agttaactca	ttttatttct	aggatttgga	tttcaacatt	ttaatttctt	180
tggaaatata	gtcacttttt	gcaagctaaa	aaatagaatc	aaactaagg	gatctagtcc	240
tctaggcatc	caggctgac	cttggaatca	tgagcagaat	gatgacatac	tacaagggtc	300
tagcaatacg	gctataaact	ctaaataata	accactacat	gtttcattag	gaaacagcca	360
aaagtccggc	cgttaaagga	ataatctgca	gaacatcttg	atttacaagg	gacaaaatga	420
tgcaaattat	atgctgtcca	acctactggg	gaactggatc	agaatgggtc	aaggactggt	480
aaacagagga	agtattttaca	ttttgaaaac	ttgctctgca	ggataaaaaa	attcctgggt	540
gctgtcagta	agaaagcaag	taaaaaaaat	attacagatg	aactcactga	tctttgattt	600
tactaagggtc	ttccactgga	acatgaagg	agggataagt	gtacaggata	atatactcag	660
atatttttaa	aataaactac	ttaataataa	gaaattagcc	ataccacatt	gttccatttg	720
ctacaagaac	aaattggcaa	tgaagactat	ttaaaagaaa	tgctcagctc	tacagaggggt	780
ggtggcaggc	aacacttttc	cattacagaa	taacctctat	tcttccatga	tacatattcc	840
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gtaggttcac	ttaacatctt	tgggaaggac	ccaaaaaatc	tggccattat	tttcttaaac	960
atctgcaagc	tgcagaattc	cttagtcctc	agctatagtt	tctgctagat	atcttaaagc	1020
tgggacagtt	ccactgtgac	tctctctcag	ctatgggggtg	ggtgctagtc	atcaaagtct	1080
ggaatgtcat	cataggagta	accacggtag	cctttggatg	catagtaagc	gatgcgcagg	1140
tggtaaaatc	cgggtagga	caccagaatg	ccaatgatca	gcactggaac	ggccccgtct	1200
gccccccctt	tgctgatgta	gcctgacagc	aggagggagc	ctataataat	gagaaaggcg	1260
ccaatcaaaa	acagcacagt	ggcaagtgcg	atggccttat	aagggatctt	aggagggggt	1320
ttcttaaact	gaagggtcaat	gtagccatcg	tctgtgctgg	agagccttga	atatttcact	1380
ttactactgg	ggattccagt	agccagggtg	gtacgggacg	gcatacatac	acgctgacac	1440
agcggagcgc	cgcgccaggc	cgcgcgcaca	cccagagctc	gcccacgggt	ggcagcgccc	1500
aaggttgcat	ggcatggccc	gcttaagtgc	cactcagccg	gccccaggcg	gg	1552

<210> 7958

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (227)...(416)

<223> similar to gi4884128 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7958

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gaggggaggt	ctgagcagag	ggcgggggtg	aggcgtaatg	gccctcgtgc	cctatgagga	180
gaccacggaa	tttgggttgc	agaaattcca	caagcctctt	gcaacttttt	cctttgcaaa	240
ccacacgata	cagatccggc	aggactggag	acacctggga	gtcgcagcgg	tggtttggga	300



tgcggccatc	gttctttcca	catacctgga	gatgggagct	gtggagctca	ggggccgctc	360
tgccgtggag	ctgggtgctg	gcacggggct	ggtgggcata	gtggctgccc	tgctggcatg	420
ccgaattcgc	tatgaacggg	ataacaactt	cttagcaatg	ctggagaggc	aattttattgt	480
gagaaagggt	cactacgatc	ctgaaaaaga	tgtacatatt	tacgaagcac	agaagagaaa	540
ccagaaggag	gacttataat	tggctataat	ttataagaat	gttgtcattg	agtgtgtcac	600
ttaaggtcct	agactgcaaa	tctaaccata	tttaatgaaa	tgtcttactg	tacaaaaagt	660
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tgtcccattg	ctgtgatttt	tagtcagact	ttactcagtc	tgaaatgcaa	ttaacatttaa	780
aggattaagt	gtgagatttc	gatttatgct	atttgtgtat	cccatactcc	tcccttttaa	840
taaacagtgt	ccactgatga	tatgaagggc	cggataaaag	aagtctttta	atgagtaagc	900
tttcttggtg	agattaaatc	ttacaaatta	tttttaaaac	cttgtgatat	atacaatggt	960
tagctgagtt	ttctaatttt	ctggatgtaa	aacaaaaggt	ttaacctata	cattccttga	1020
gctgttagtg	ctattttaaat	cttttgccct	gttttaggtcc	taaacacttt	tagttgagta	1080
ggatatgagc	ttttttgggt	ctcatatcat	gctttttgcc	ttaatttcag	g	1131

<210> 7959

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (743)...(3120)

<223> similar to gi4886439 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7959

aaaggaagg	agggaggag	aaaggagaag	ttggtttaga	ggccagccgg	acgagctttg	60
ggcaccgccc	ttaggagggc	caccctcaga	gtctgacagc	aggtgaagg	cctaaatctc	120
cccaaactaa	ctggtgtctt	ttctcctctt	ccaagatgct	cttcccgagg	gagatgctag	180
ccctttgggt	ccttacctcc	tgccctcagg	agccccggag	agaggcagtc	ctggcaaaga	240
gcaccctgaa	gagagagtgg	taacagcgcc	ccccagttcc	tcacagtcgg	cggaggtgct	300
gggcgagctg	gtgctggatg	ggaccgcacc	ctctgcacat	cacgacatcc	cagccctgtc	360
accgctgctt	ccagaggagg	cccgcctcaa	gcacgccttg	ccccccaaga	agaaactgcc	420
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cacggagaag	cctggccccc	cgggggaccc	ggaccccatc	gtggcctccg	aggaggcatc	600
agaagtgccc	ctttggctgg	accgaaagga	gagtgcggtc	cctacaacac	ccgcacccct	660
gcaaactctc	cccttcactt	cgcagcccta	tgtggccccc	acactcccc	agaggccaga	720
acccggggag	cctgggcctg	acatggccca	ggaggccccc	caggaggaca	ccagcccat	780
ggccctgatg	gacaaagggt	agaatgagct	gactgggtca	gcctcagagg	agagccagga	840
gaccactacc	tccaccatta	tcaccaccac	ggtcatcacc	accgagcagg	caccagctct	900
ctgcagtgtg	agctttctca	atcctgaggg	gtacattgac	tccagcgact	acccactgct	960
gcccctcaac	aactttcttg	agtgcacata	caacgtgaca	gtctacactg	gctatggggg	1020
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ggacggccct	accctgaccg	tcttgcccaa	ccagacactc	ctgggtggagg	ggcaggtaat	1140
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ctggacgatt	gaagctccag	agggccagaa	gctgcacctg	cactttgaga	ggctgttgct	1560
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tcgcctgccc	cactgcgttt	cggaggagtc	cctggcatgt	gacaacccag	ggctgcctga	2700
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atgtcgctac	tattccaacc	tccgcctgcc	tctgatgtac	tcccacccct	acagccagat	3060
caccgtggaa	accgagtttg	acaaccccat	ttacgagaca	gggggaaccc	aaaaggttta	3120
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cccagacat	ttatccaaag	gccctggggg	ccttgattta	aacccccaaa	aggcggctgt	3240
tttttggtta	aactttttta	caaagggtta	cgggtttttt	ccccggattt	tataaatttt	3300
aaaagtg						3307

<210> 7960

<211> 2637

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (273)...(1038)

<223> similar to gi4490902 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7960

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tgagccttgg	accagccact	gccacctccg	acctgctcgg	ccagaagctg	cccaggga	180
aagcagagtg	caggtcattt	atcttcaggc	tttgagatct	gcgtgggggg	agctgttgca	240

gcagcccaag	ccgcaggaat	tgctgagaca	ggatggcctg	gcaggggctg	gtcctggctg	300
cctgcctcct	catgttcccc	tccaccacag	cggactgcct	gtcgcggtgc	tccttgtgtg	360
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tcagcattgt	gtacaaaata	tccaagcccc	gcctatctct	cttctgcgtg	ggagtatggt	1200
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gaactttaaa	agaaggtaaa	taatcataca	cagaaatcct	aacattatat	tcccaaactct	1560
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gactccagaa	gcagcagcta	gaaagagaaa	aagccctctt	caatccccat	aatgcttctt	2160
tcctcttaat	gtctcaaaat	aaaacccaga	aaaggggaat	aaaaggatta	aagtgccttg	2220
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ttgtgtcctt	taaaaaaatc	ccatttatgc	aatttacttg	gaatttgctt	agcctttaat	2580
aggcttgtgt	aatttctctg	tcctccagta	caataaataa	aagaaagatg	ctgatga	2637

<210> 7961

<211> 1874

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (702)...(1877)

<223> similar to gi5911890 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 7961
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acctgatgga gaggaaggct gccacagtgg agtgcattga cggccacaaa gggccccacc 900
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gcttcgggtt cgtctggctg gagctgaaat ccttcagcct gtacagccgg gtccaggcca 1800
ccttcgggaa cgcagatgcg ccgtccccac aggccttcga tgagatgctc aagaacattc 1860
agtcctcac ctcc 1874

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<210> 7962
<211> 2093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (133)...(1839)
<223> similar to gi5532487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7962
agtcctgcgc gtgctgaggg agactcagga ggtggagccg gccgggtgct cgagggaagg 60
agactggaag ctggttccgg cgtgaggaga gtctgaaaaa ggggagcgcg gagaggaggc 120

```

tgaagagga	agatgctag	cacagacctt	ctgatgttga	aggcctttga	gccctactta	180
gagatttttg	aagtatactc	cacaaaagcc	aagaattatg	taaatggaca	ttgcaccaag	240
tatgagccct	ggcagcta	tgcattggagt	gtcgtgtgga	ccctgctgat	agtctgggga	300
tatgagtttg	tcttcagcc	agagagttta	tggcaaggt	ttaaaaagaa	atgttttaag	360
ctcaccagga	agatgcccat	tattggctgt	aagattcaag	acaagttgaa	caagaccaag	420
gatgatatta	gcaagaacat	gtcattcctg	aaagtggaca	aagagtatgt	gaaagcttta	480
ccctcccagg	gtctgagctc	atctgctgtt	ttggagaaac	ttaaggagta	cagctctatg	540
gacgccttct	ggcaagaggg	gagagcctct	ggaacagtgt	acagtgggga	ggagaagctc	600
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cctggtggca	ttagcgcagc	ctgttgggct	gccttgatgc	acttcggtga	gaacggctat	1380
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gattttgaca	tctaccgact	atcaaacctg	atgactgcta	aggggtggaa	cttgaaccag	1560
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gcgaagacca	caggaatggg	tgccattctat	ggcatggccc	agacaactgt	tgacaggaat	1740
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cagggcagcc	agatgaattg	tcttccaaaa	ccccactgaa	cttggaccct	ttctagtctc	1860
aaggggattc	cagccttcag	aaggttcttg	ggatatggaa	caggccgtgc	acaactttga	1920
catctggtct	tgctccatag	agcacaactc	aagatagacc	atgagacagc	ttgagcctca	1980
ggattcttgt	tcttctctct	atcttctctt	tgtggttttt	aatttgaaaga	ccccagagaa	2040
ttccattaca	taatgatttt	gcccttgtaa	taaatgttac	cctaggaaaa	aaa	2093

<210> 7963

<211> 1709

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (85) \dots (327)$ 

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<223> similar to gi2584789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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<400> 7963

aattcccggtg	tcgacgatttt	cgtcgcgcac	ctgcagcgcc	cgctgctcgg	ccctgcatcc	60
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ttcaccacgt	tctggggcct	cgtcggcatc	gccgggccct	ggttcgtgcc	gaagggaccc	180
aaccgcggag	tgatcatcac	catgctggtc	gccaccgcgg	tctgtgttta	cctcttctgg	240

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ctcatcgcca tcctggcgca gctgaacccc ctgttcgggc cccagctgaa gaatgagacc 300
atctggtagc tgcgcttcct gtgggagtga cccgcgcgcc ccgaccagg tgcccagctc 360
tcggaatgac tgtggctcca ctgtccctga caaccccttc gtccggaccc tccccacac 420
aactatgtct ggtcaccagc tccctcctgc tggcaccagg agaccggac ccgcagggcc 480
tgcttggttc ctggaagtct tcccagtcct cccagccagc ccgggccctg gggagccctg 540
ggcacagcag cggccgaggg gatgtcctgc tccaataccc gcaactgctc ggagtttgcc 600
ctctttccca aggagatgct gctggggagc tggtaggggt ggggtctttc cctttacaga 660
cggggcagat gccaggactc agcccaccc gaggaggaca cgtgtcctca tggagagggt 720
gctccggccc aggcggggga gtcagtgcgc agtcagcagc tctgccacca tcctgctggg 780
aactgggggg gcctctattg ggttataggc aaggcctttt ctctggcatg gaattgttaa 840
ttttctgaca cgtctagatg tgaaatttct gaaaatgttg aagcagagaa acattcacac 900
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ttgggccttt ggctgcagtg ggggtggatt tcagagcctc tcatggcagc atctaagtga 1140
ccagagctgg gatgagagag gggaaggggc aatgtgagtg gcgctatggg acggggccagc 1200
cctgtcctct agccagcccc gccctctgcc ccctggccct gggctctgtg ctagggatgg 1260
tgaagaatgg gggcgtagca gcctggcagg agtgggaagc aacacgcagg ggtcccggac 1320
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ccaccttgcc tggctcccag ctggggcctg tcctcactgg tgctccaggg gaagaaacga 1440
cagcctcact tctgtatgga ctgctgatgt ggctgccat cctgttcagc gggcattgtc 1500
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tgctcagggc tcaggctggg gcctccattt gacatcctcc ccctacactc cctctctgag 1620
cctccgtcgc ccctcctggt gggtaaaggt gttgagtgtg acttggtgctg aaaacctggt 1680
tcatatataa taaataatgg tgatgaaaa 1709

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<210> 7964
<211> 2244
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (338)...(1997)
<223> similar to gi3288852 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 7964
ccgactcggc ttgaggtacc ggggccacga ttctgtggat gcagagagct cagttttttt 60
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tgtcaaccgc cgagagaacc cagaggcagg gagtccgaga tggggggagg tcgtgtcgcg 180
gcgtctgaaa gggggccactg gcactcaaaa agagtgaatg aaatgtgcag ctcagagtgt 240
catttctgaa gggaggagtc tttctcttgg agaagagtcc tcaatgagcc tggccgaggc 300
ccgggatctg tgtgaagtgg actaaggatt aagtaggatg tcaactgaga cagaacttca 360
agtagctgtg aaaaccagcg ccaagaaaaga ctccagaaaag aaaggtcagg atcgcagtga 420
agccactttg ataaagagggt ttaaagggtga aggggtccgg taaaaagcca aattgatcgg 480
gattgatgaa gtttccgcag ctcggggaga caagttatgt caagattcca tgatgaaact 540
caagggcgtt gttgctggcg ctctgttccaa aggagaacac aacagaaaaa tctttttaac 600
catctccttt ggaggaatca aaatctttga tgagaagaca ggggcccttc agcatcatca 660
tgctgttcat gaaatatcct acattgcaaa ggacattaca gatcaccggg cctttggata 720

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tgtttgtggg	aaggaagggg	atcacagatt	tgtggccata	aaaacagccc	aggcggctga	780
acctgttatt	ctggacttga	gagatctctt	tcaactcatt	tatgaattga	agcaaagaga	840
agaattagaa	aaaaagggc	aaaaggataa	gcagtgtgaa	caagctgtgt	accagacaat	900
attggaagag	gatgttgaag	atcctgtgta	ccagtacatt	gtgtttgagg	ctggacacga	960
gccaatccgt	gatcccga	cggaagaaaa	catttatcag	gttcccacca	gccaaaagaa	1020
ggaaggtgtt	tatgatgtgc	caaaaagtca	acctgtaagt	gctgtgaccc	aattagaact	1080
ttttggggac	atgtccacac	cccctgatat	aacctctccc	cccactcctg	caactccagg	1140
tgatgccttt	atcccatctt	catctcagac	ccttccagcg	agtgcagatg	tgtttagttc	1200
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caccgtccca	ggcacgagtg	actccaccag	gtcaagtcca	cagaccgaca	agcccaggca	1560
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acagagctct	ccatccaaat	catcagcatc	ccatgccagt	gatcctacca	cagatgacat	1860
ctttgaagag	ggctttgaaa	gtcccagcaa	aagcgaagag	caagaagctc	ctgatggatc	1920
acaggcctca	tccaacagtg	atccattttg	tgagcccagt	ggggagccca	gtggtgataa	1980
tataagtccg	cagggccggg	agctaagatt	agcgcaggtc	tgggagccag	agcctctgta	2040
cgcgcagatc	aacagacctt	agaaatagca	tcgatgcgag	ctcgtgggtg	gtgctcaaga	2100
ctggcatgga	catcagcatc	acgacaggct	ctcttgatt	ctttcacctc	ttcccacaag	2160
aaattcatga	ttgcccaatg	gaactcgctc	agaagaggga	actaagcatt	tttggcaacc	2220
aatggcagaa	ataaatggca	gcac				2244

<210> 7965

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (699)...(398)

<223> similar to gi929657 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7965

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cctgggggtga	ccagcctcgc	cctcccacaa	gaagagtcag	gccttggggg	ccgcggctgt	180
ctgagtggtc	aggctggggc	tgccacccag	ggcaggctgc	tgaggctccag	ggcacctcca	240
gtcacatctg	ggaagacaat	gttgatcatc	gagaggccct	gagctctgcc	caggcagatg	300
aactgggtcca	gcgtcccggg	aggcagcaac	cagctcctgc	ccagcagggt	gatcctgagg	360
acggccagcc	tgtctgtgtg	tccacacccg	gtggtccaca	gtgaactgcc	caggctgggc	420
tgccgggtatc	agcacataag	accatgtgtc	acagtgtctg	cctcgagtca	tcgcattcca	480
cacctcaaag	cggccatcat	cacttagctc	aaaagttgcg	gtgaaagcgt	tcagcagcgc	540
cctgtgctcc	ggcctgaagc	tgttgcccgc	caggcccagg	acgaaccatt	ccccctggaa	600
ctggtttctt	tggaaagctct	gcatcggggg	cgggagtggc	aggggggttg	gggtctgggc	660

ctgcaggact	ttcagcaagg	agagccacag	ccacaggcca	cacagcagcc	tcatcctggc	720
agcctccact	gctcttctc	cgttcccga	aaactcccga	cctgtcctct	gctcaccctc	780
ccctctctct	tcccactctc	cgggcaaaga	ccttttccca	gacacggtcc	tgggcgctgg	840
gacgaaa						847

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<210> 7966
<211> 1296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (271)...(940)
<223> similar to gil063626 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7966						
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tagtctgcgt	gtgttagttg	taatcccgc	gccctcctgt	cagccctccg	ctccgccggc	180
cctccttccc	tcgcgcgcg	cagccagccc	gagggtcggc	cggctgtgta	acactctccc	240
acccacccca	ccagcccgcg	ggccagcacc	atggaggacg	tgaagctgga	gttcccttcc	300
cttccacagt	gcaaggaaga	cgccgaggag	tggacctacc	ctatgagacg	agagatgcag	360
gaaattttac	ctggattgtt	cttaggcccc	tattcatctg	ctatgaaaag	caagctacct	420
gtactacaga	aacatggaat	aacccatata	atatgcatac	gacaaaatat	tgaagcaaac	480
tttattaaac	caaactttca	gcagttattt	agatathtag	tcctggatat	tgcagataat	540
ccagttgaaa	atataatacg	ttttttccct	atgactaagg	aattttattga	tgggagctta	600
caaattggag	gaaaagttct	tgtgcatgga	aatgcaggga	tctccagaag	tgcagccttt	660
gttattgcat	acattatgga	aacatttgga	atgaagtaca	gagatgcttt	tgcttatgtt	720
caagaaagaa	gattttgtat	taatcctaata	gctggatttg	tccatcaact	tcaggaatat	780
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taaaaacata	agtagttttt	ttttcaatta	catgttgctt	ccagacatac	ttctctgcaa	1080
cttgttgagc	aacattttta	gatgttggac	ttctgcaata	gatgacactg	atgggttttac	1140
tccttttttt	aaaaacacat	gcgcgcgcac	acacacatgc	tttacaagtt	ttattataaa	1200
ccaagaattt	tggacttgca	aagagggtatt	attgcaataa	tgcacttttc	atacttgaaa	1260
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<210> 7967
<211> 3307
<212> DNA
<213> Homo sapiens

```

```
<220>
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<221> misc\_feature  
 <222> (3191)...(2506)  
 <223> similar to gi607130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7967

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ttctcaaaac	actgccaag	ctttccttct	ctattaaact	cccttaagca	ttactcatac	180
tattattcaa	gtttaagatg	tggcaaatct	ccccaaagt	atatggctgg	ttctcttctt	240
ataaatgaat	ccataagaca	gtgtccccta	attcatctct	attttctcta	acctgcttga	300
ttttctaaaa	ttggaaaaaa	gtaattccgg	tatactaaaa	ccagagccca	ggtttctcaa	360
catcttcagt	taaatgactt	ttaattcccc	aatcaaggta	taacacacaa	atgttatctg	420
cgctttacag	tatagaactc	tgagtggctg	gtgtcttttg	gttagtgtaa	ccattacaca	480
gcagtatctg	cttgtcacc	cggctcttct	tagcctcaaa	aaatattcag	aatttgttat	540
gcacatggga	gatttcttac	agcagcacac	tcacttacaa	aaagaccaa	aaaattttat	600
tgctttacaa	caagccagca	acaaacacaa	ctgaatagtt	ataaacatga	cacttctaaa	660
tcctcaaatg	gaattccaag	accagagtgt	gcttctccac	tttaatagca	tttgtaaana	720
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aggttaaaa	aaaaaactat	tatcaaactg	attgtctgtg	ggatgatcta	atttaaaagc	840
ctttcatgct	tgatcctggc	agtgtctatta	ctgcacattt	taagtgaacca	tcattgggac	900
ttttaagaac	ctaacttcac	aaaaagagct	gtcacaagaa	aattgttcta	aaatcccaat	960
gcacagtaac	tcattgctca	tttcaactgc	tttctctcat	atgaaaaaat	gtagtacagc	1020
tttaacttgg	cctgataaaa	gctgtgaaag	gtatgccaag	tggtcccttg	tacaaacagg	1080
aagcccaaat	tgttgatcag	gcaagaaaag	gtgacacttt	tagatacttc	atattattct	1140
ggaaagcact	ttcctttcag	tggttgcaaa	ataactacgg	attaagtcac	cattttaatc	1200
atctcaattc	aatagcaaga	gtttcctggc	acatactctt	agtactacct	gaaaattggg	1260
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gaattcaaca	tctgattttc	tcacaatgcc	ttaaaataag	gaagggaana	tataaaataa	2040
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tgccctgggt	gtggatggct	aactcgcata	tagaaaatat	caagcatcac	atctggaaga	2160
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gttctcgagc	tttcaaacac	ctctttggaa	tgtcctgaaa	cccagcacc	tgatggaccc	3060
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tcacagacat	ggcgccggct	gcacaacaat	cagccagtgt	agcaagggcg	gccaaggaag	3240
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cccccca						3307

<210> 7968  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (30)...(283)  
 <223> similar to gi5107163 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7968						
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acttcatgga	gttatgttgg	gataaatgtg	tggagaagcc	agggaatcgc	ctagactctc	180
gcactgaaaa	ttgtctctcc	agctgtgtag	accgcttcat	tgacaccact	cttgccatca	240
ccagtcgggt	tgcccagatt	gtacagaaaag	gagggcagta	ggccatcccc	caggagaatg	300
acagaagcaa	aggacttggt	actaagcaga	tttaaggggtc	agtgggggaa	ggctatcaac	360
ccattgtcag	atcagcatca	ggctgttatc	aagtctgttg	gtgctaaaaa	gtaaaagatg	420
aaatgttcaa	agagtgaat	ttattttatt	ggaattcaga	aattccaggt	tgtatgacat	480
cagttactca	ataagtgtga	attctccaac	tcttctttta	atcccatttt	agaatttaat	540
atagagatct	ctgattggca	ggaacactag	aaataaatgt	tccatggcca	gtagtgcaaa	600
tgggggattg	taggttttga	aaaaccaccc	taagccatat	taaggggggt	ggaagaacca	660
tcgaagccta	aggcatagaa	gaaaatttgg	ggttaagaaa	gatgaagaac	aaaaaacagc	720
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<210> 7969  
 <211> 2861  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2694)...(784)  
 <223> similar to gi3758819 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<210> 7970  
 <211> 2426  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (181)...(1125)  
 <223> similar to gi471976 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7970

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tgagtcccg	gcgcgagccg	gcggcgggcg	cgctgcggga	gggtcggcgg	tgggaaggcg	180
atggcggatt	tagataaact	caacatcgac	agcattatcc	aacggctgct	ggaagtgaga	240
gggtccaagc	ctggttaagaa	tgtccagctt	caggagaatg	aaatcagagg	actgtgctta	300
aagtctcgtg	aaatctttct	cagtcagcct	atcctactag	aacttgaagc	accactcaaa	360
atatgtggtg	acatccatgg	acaatactat	gatttgctgc	gactttttga	gtacggtggt	420
ttcccaccag	aaagcaacta	cctgtttctt	ggggactatg	tggacagggg	aaagcagtc	480
ttggagacga	tctgcctctt	actggcctac	aaaataaaat	atcctgagaa	tttttttctt	540
ctcagaggga	accatgaatg	tgccagcctc	aacagaatct	atggatttta	tgatgaatgt	600
aaaagaagat	acaacattaa	actatggaaa	actttcacag	actgttttaa	ctgtttaccg	660
atagcagcca	tcgtggatga	gaagatattc	tgctgtcatg	gagggtttatc	accagatctt	720
caatctatgg	agcagattcg	gcgaattatg	cgaccaactg	atgtaccaga	tcaaggctct	780
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aggcagttgg	tactctgttt	ttctgcgccc	aattattgcg	gagagtttga	caatgcaggt	1020
gccatgatga	gtgtggatga	aacactaatg	tgttcttttc	agatttttaa	gcctgcagag	1080
aaaaagaagc	caaatgccac	gagacctgta	acgcctccaa	ggggtatgat	cacaaagcaa	1140
gcaaagaaat	agatgtcggt	ttgacactgc	ctagtccgga	cttgaacat	agagtatata	1200
accttcattt	ttaagactgt	aatgtgtact	ggtcagcttg	ctcagataga	tctgtgtttg	1260
tgggggacct	tccttccatt	tttgatttag	tgaatggcat	ttgctgggta	taacagcaaa	1320
tgaaagactc	ttcactccaa	aaagaaaagt	gttttgtttt	tttaattctct	gttccttttg	1380
caaacaatct	taatgatggt	gttaaagctg	tacaccccag	gacagtttat	cctgtctgag	1440
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acattaggag	taactttcaa	ccttgccagc	atcactggta	tgatgtatat	tttaattaaag	1740
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tctttcctaa	agccaaagtt	tctgttgaat	tatgttttga	cacaccccta	agtacaaggt	1860
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atagcaatta	gtgatatagt	gctgttttaag	ctactaacga	taaaaggtaa	taacatttta	1980
tacaattttc	atatagtcta	ttcattaagt	aatcttttta	cagttgcctc	aggcctgaac	2040
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atgctttctt	tggcctacat	tctttattct	gcggtgaagt	tgaggcttat	aagttaaaac	2160
aaaggaacta	acttactgtc	caccagttta	tacagaactc	acagtaccta	tgactttttt	2220
aaactaagat	ctgttaaaaa	agaaatctgt	ttcaacagat	gaccgtgtac	aataccgtgt	2280
ggtgaaaatg	aattcagact	tattaaatga	tgaacttggt	aaatcttctc	agtgtctatt	2340
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aattgctctg	gaaacccaaa	aaaaaa				2426

<210> 7971  
 <211> 3983  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (92)...(3931)  
 <223> similar to gi307181 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7971

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agcctggcg	cccacgagcg	cggaggcgga	ctttgaactg	ggcatcagca	gcaaacaaaa	180
aaggaaaaa	acgaagacag	tgaaaatgat	tggagtatta	acattgtttc	gatactccga	240
ttggcaggat	aaattgttta	tgtcgctggg	taccatcatg	gccatagctc	acggatcagg	300
tctccccctc	atgatgatag	tatttggaga	gatgactgac	aaatttgttg	atactgcagg	360
aaacttctcc	ttccagtgga	acttttcctt	gtcgtgcta	aatccaggca	aaattctgga	420
agaagaaatg	actagatatg	catattacta	ctcaggattg	ggtgctggag	ttcttgttgc	480
tgctatata	caagtttcat	tttggacttt	ggcagctggg	cgacagatca	ggaaaattag	540
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cactgaactc	aatacgcggc	taacagatga	catctccaaa	atcagtgaag	gaattgggtga	660
caagggttga	atgttctttc	aagcagtagc	cacgtttttt	gcaggattca	tagtgggatt	720
catcagagga	tggaaagctca	cccttgtgat	aatggccatc	agccctattc	taggactctc	780
tgccagccgt	tgggcaaaga	tactctcggc	atttagtgac	aaagaactag	ctgcttatgc	840
aaaagcaggc	gccgtggcag	aagaggctct	gggggccatc	aggactgtga	tagctttcgg	900
gggccagAAC	aaagagctgg	aaagggtatc	gaaacattta	gaaaatgcca	aagagattgg	960
aattaaaaaa	gctattttcag	caaacatttc	catgggtatt	gccttcctgt	taatatatgc	1020
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tggaaatgca	atgacagttt	ttttttcaat	cctaattgga	gctttcagtg	ttggccaggc	1140
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gcagacatca	ggaagccaga	tccagtcaga	agaatttgaa	ctaaatgatg	aaaaggctgc	2040
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ccttaaaaaa	tcacaaatgt	gtcagaagag	ccttgatgtg	gaaaccgatg	gacttgaagc	2160
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cagttcattt	gctccagact	atgctaaagc	taagctgtct	gcagcccact	tattcatgct	3120
gtttgaaaga	caacctctga	ttgacagcta	cagtgaagag	gggctgaagc	ctgataaatt	3180
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attcaaat	ttctacccat	ttt				3983

<210> 7972  
 <211> 1381  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (506)...(1176)  
 <223> similar to gi4186040 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	7972					
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cctgtcgggt	gactctataa	aaagacagga	gaagctgagg	ctcattcact	cactttgtcc	180
acttcattcc	caagagaagt	gtcgggggga	cctgccaggc	ttaggggaag	ctctgagctg	240
agccccttgt	gcaaagaggc	gagccaccca	gaggcagctg	ttcccttcta	ggcctggaag	300
tgacatgct	catctacagc	tttcttgga	gaagaaagaa	acaaaaactg	agatttagaa	360
caccaggtct	gtttccactg	gcggccactc	ttgggactg	gagaccagca	agagctttgt	420
ttttaaagg	ctcttccatg	gcagatatcc	gcagaggcat	cagggtctaca	cttaaatgaa	480

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gggctccggc tggcacctga ggagcggcat ggtgggcacg ttgatcacca ccatcctgcc 540
gcactggcgg aggacagcgc acgtgggcac caacatcctc acggccgtgt cctacctgaa 600
agggctcttg atggagtgtg tgtggcacag cacaggcatc taccagtgcc agatctaccg 660
atccctgctg gcgctgcccc aagacctcca ggctgcccgc gccctcatgg gcatctcctg 720
cctgctctcg ggcatagcct gcgcctgcgc cgtcatcggg atgaagtgca cgcgctgcgc 780
caagggcaca cccgccaaaga ccacctttgc catcctcggc ggcacctctt tcatcctggc 840
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tgggctgctg tgggctggtt cccggcgga ctgtcaatgg aggcaggggt tccagcaca 1260
agtttacttc tgggcaattt ttgtatccaa ggaaataatg tgaatgcgag gaaatgtctt 1320
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a
1381

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<210> 7973
<211> 1609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(1078)
<223> similar to gil922935 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7973
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agaggcgggc cggcaccccc ttctgacctc cagtgcggcc ggcctcaaga tcagacatgg 180
cccagaactt gaaggacttg gcgggacggc tgcccgcggg gcccgggggc atgggcacgg 240
ccctgaagct gttgctgggg gccggcgccg tggcctacgg tgtgcgcgaa tctgtgttca 300
ccgtggaagg cgggcacaga gccatcttct tcaatcggat cgggtggagt cagcaggaca 360
ctatcctggc cgagggcctt caattcagga tcccttggtt ccagtacccc attatctatg 420
acattcgggc cagacctcga aaaatctcct cccctacagg ctccaaagac ctacagatgg 480
tgaatatctc cctgcgagtg ttgtctcgac ccaatgctca ggagcttcct agcatgtacc 540
agcgccctag gctggactac gaggaacgag tgttgccgtc cattgtcaac gaggtgctca 600
agagtgtggt ggccaagttc aatgcctcac agctgatcac ccagcgggcc caggtatccc 660
tgttgatccg cggggagctg acagagaggg ccaaggactt cagcctcatc ctggatgatg 720
tggccatcac agagctgagc tttagccgag agtacacagc tgctgtagaa gccaaacaag 780
tggcccagca ggaggcccag cgggcccatt tcttggtaga aaaagcaaag caggaacagc 840
ggcagaaaat tgtgcaggcc gaggggtgagg ccgaggctgc caagatgctt ggagaagcac 900
tgagcaagaa ccctggctac atcaaacttc gcaagattcg agcagcccag aatatctcca 960
agacgatcgc cacatcacag aatcgtatct atctcacagc tgacaacctt gtgctgaacc 1020
tacaggatga aagtttcacc aggggaagtg acagcctcat caagggtgaa aaatgagcct 1080
agtcaccaag aactccaccc ccagaggaag tggatctgct tctccagttt ttgaggagcc 1140
agccaggggt ccagcacagc cctaccccg cccagtatca tgcgatggtc cccacaccg 1200
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```







<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (52)...(1440)  
 <223> similar to gil84497 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7976

attgaaaccc	tatcgagacc	atagtcagtg	tgggtggaatt	cgcagctcag	catggctagg	60
gtactgggag	cacccggtgc	actgggggtg	tggagcctat	gctgggtctct	ggccattgcc	120
accctcttc	ctccgactag	tgcccatggg	aatgttgctg	aaggcgagac	caagccagac	180
ccagacgtga	ctgaacgctg	ctcagatggc	tggagctttg	atgctaccac	cctggatgac	240
aatggaacca	tgctgttttt	taaaggggag	tttgtgtgga	agagtcacaa	atgggaccgg	300
gagttaatct	cagagagatg	gaagaatttc	cccagccctg	tggatgctgc	attccgtcaa	360
ggtcacaaca	gtgtctttct	gatcaagggg	gacaaagtct	gggtataccc	tctgaaaag	420
aaggagaaa	gatacccaaa	gttgctccaa	gatgaatttc	ctggaatccc	atccccactg	480
gatgcagctg	tggaatgtca	ccgtggagaa	tgtcaagctg	aaggcgctct	cttcttccaa	540
ggtgaccgcg	agtggttctg	ggacttggct	acgggaacca	tgaaggagcg	ttcctggcca	600
gctgttggga	actgctcctc	tgccctgaga	tggctggggc	gctactactg	cttcagggt	660
aaccaattcc	tgcgcttcga	ccctgtcagg	ggagaggtgc	ctcccaggta	cccgcgggat	720
gtccgagact	acttcatgcc	ctgccctggc	agaggccatg	gacacaggaa	tgggactggc	780
catgggaaca	gtaccaccca	tggccctgag	tatatgcgct	gtagcccaca	tctagtcttg	840
tctgcactga	cgtctgacaa	ccatgggtgcc	acctatgcct	tcagtgggac	ccactactgg	900
cgtctggaca	ccagccggga	tggctggcat	agctggccca	ttgctcatca	gtggccccag	960
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cggctggaga	aggaagtcgg	gacccctcat	gggattatcc	tggactctgt	ggatgcggcc	1140
tttatctgcc	ctgggtcttc	tcggctccat	atcatggcag	gacggcggct	gtggtggctg	1200
gacctgaagt	caggagccca	agccacgtgg	acagagcttc	cttggcccca	tgagaaggta	1260
gacggagcct	tgtgtatgga	aaagtccctt	ggccctaact	catgttccgc	caatggtccc	1320
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gcagccaagg	cccttcgcga	accccagaat	gtgaccagtc	tctggggctg	cactcactga	1440
ggggccttct	gacatgagtc	tggcctggcc	ccacctccta	gttcctcata	ataaagacag	1500
attgcttctt	cgcttctcac	tgaggggcct	tctgacatga	gtctggcctg	gccccacctc	1560
cccagtttct	cataataaag	acagattgct	tcttcacttg	aaaaaaaaaa		1610

<210> 7977  
 <211> 3305  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (3257)...(768)  
 <223> similar to gi35323 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



agggagcccc atggctgcag agagaggggt gaagcagctg ccgcgacggc gggccgggtgt 3300  
tccgc 3305

<210> 7978  
<211> 3817  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (41)...(1236)  
<223> similar to gi2052058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7978  
cacagacgtt tgaacagagc aggetcctga ggtctccagg atgcctgtcc cagcctcctg 60  
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ggcaggtgag gacgagctac aggtgattca gcctgaaaag tccgtatcag ttgcagctgg 180  
agagtccggc actctgcgct gtgctatgac gtccctgata cctgtggggc ccacatgtgt 240  
gttttagagg gctggagcag gccgggaatt aatctacaat cagaaaagaag gccacttccc 300  
acgggtaaca actgtttcag aactcacaac gagaaacaac ctgaactttt ccacagcat 360  
cagtaacatc accccagcag acgccggcac ctactactgt gtgaagttcc ggaaagggag 420  
ccctgacgac gtggagttaa agtctggagc aggcactgag ctgtctgtgc gcgccaaacc 480  
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cacctgagag tcccatggct tctctcccag agacatcacc ctgaaatggg tcaaaaatgg 600  
gaatgagctc tcagacttcc agaccaacgt ggaccccgca ggagacagtg tgtcctacag 660  
catccacagc acagccaggg tgggtgctgac ccgtggggac gttcactctc aagtcactct 720  
cgagatggcc cacatcaact tgcaggggga cctctctcgt gggactgcca acttgtctga 780  
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cacctacaac tggatgagct ggctcctggt gaacacctgt gccacaggg acgatgtggt 1020  
gctcacctgt cagggtggagc atgatgggca gcaagcagtc agcaaaagct atgccctgga 1080  
gatctcagca caccagaagg agcacggctc agatataacc catgaaccag cgtcggctcc 1140  
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ctctgccatc tacatctgct ggaaacagaa ggctgactg accctcagtc tctgctgct 1260  
cctcctttct tgagaagctc agcctgagag aaggagctgg cgagaacctt cccacactc 1320  
agctccaaac gcctcctctc ccaggtcact tgccctgcca cagctcctg tccaccttc 1380  
acaagaccat gatgccccaa agcagtgtct ctattcacgg tctgagcag gggccatggg 1440  
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tggtaaatgt ttaacaatgg actttctgaa agggaaaaac caaaagctgt tttgcagtgc 1980  
ttgccaatct ctctagtgtg ataactccca acctgaccaa tttcacactg ccaacagtta 2040  
aacaaccaga ttgcaagatt cctgaaatct aacaattggt tttcagggcc cagtccaagc 2100

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ctgctgctgg aaacctcaga gttaaattccc tattctccac acctctcacc tccaccaccc 2160
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ccacagtgat tctttggaag agtcaaatca tatcacttct ctgcttcttc cccaacacag 2280
ctgcatggct cccgctctcc ctccctcaag tctctgctca atgtcacttc attaaaggcg 2340
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aggcagccct cacttttcat ggcagtgcaa gattgcaaaa atgactgtgc aacctgaaac 2520
ccaggaaagc agtctccata gtcaatcaga aaaacaatga tcattctgtg acctttacca 2580
ttttttgtca aaataattaga aactctcaca ctctcagtta caaatgtaga ggacaatgaa 2640
aatataatga aataaatatt tatttgtgca ctacaattca aagcattaga aacattgaga 2700
gttcaagtgc tgtttctttg taaaaatgta tccagagtag ttgggaagag tgcttgccct 2760
tttttgtata ttctaatat ggagtgatag agtttggctc tgtgtctcca tccaaatctc 2820
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ctggcatttc aacctttggg acattctcag cccctttatt accactcctc tcccatttgt 3720
ggcagtttgc gtttactacc tccctctggc tgcctatctg aagttcctgc atcaggggtc 3780
acattgccac agtcaactat ttgtacttct agaattc 3817

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<210> 7979  
 <211> 1345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (157)...(626)  
 <223> similar to gil60998 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 7979
cggacgcgtg ggggaatcctc caacatggag cctcttgcag cttaccgcgt aaaatgttcc 60
gggcccagag caaaggtatt tgcagttttg ctgtctatag ttctatgcac agtaacgcta 120
tttcttctac aactaaaatt cctcaaacct aaaatcaaca gcttttatgc ctttgaagtg 180
aaggatgcaa aaggaagaac tgtttctctg gaaaagtata aaggcaaagt ttcactagtt 240
gtaaacgtgg ccagtgactg ccaactcaca gacagaaatt acttagggct gaaggaactg 300
cacaaagagt ttggaccatc ccacttcagc gtgttggctt ttccctgcaa tcagtttggg 360
gaatcggagc cccgcccag caaggaagta gaatcttttg caagaaaaaa ctacggagta 420
actttcccca tcttccacaa gattaagatt ctaggatctg aaggagaacc tgcatttaga 480

```

```

tttcttggtg attcttcaaa gaaggaacca aggtggaatt tttggaagta tcttgtcaac 540
cctgaggggtc aagttgtgaa gttctggagg ccagaggagc ccattgaagt catcaggcct 600
gacatagcag ctctgggttag acaagtgatc ataaaaaaga aagaggatct atgagaatgc 660
cattgcggtt ctaatagaac agagaaatgt ctccatgagg gtttgggtctc attttaaaca 720
tttttttttt ggagacagtg tctcactctg tcacccaggc tggagtgcag tagtgcgttc 780
tcagctcatt gcaacctctg ccttttttaa catgctatta aatgtggcaa tgaaggattt 840
ttttttaatg ttatcttgct attaatgtgt aatgaatgtt cccaggatga ggatgttacc 900
caaagcaaaa atcaagagta gccaaagaat caacatgaaa tatattaact acttcctctg 960
accatactaa agaattcaga atacacagtg accaatgtgc ctcaatatct tattgttcaa 1020
cttgacattt tctaggactg tacttgatga aaatgccaac acactagacc actctttgga 1080
ttcaagagca ctgtgtatga ctgaaatttc tgggaataact gtaaattggt atgttaatgg 1140
aataaaacac aaatgttgaa aaatgtaaaa tatatatata tagattcaaa tccttatata 1200
tgtatgcttg ttttgtgtac aggattttgt tttttctttt taagtacagg ttcctagtgt 1260
tttactataa ctgtcactat gtatgttaact gacatatata aatagtcatt tataaatgac 1320
cgtattataa caaaaaaaaa aaaaa 1345

```

```

<210> 7980
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(595)
<223> similar to gi5262858 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7980
gacgcccgcg ctactccgcg tggattgggt gaccgcccct cgagcccggg gctgactggc 60
ttgcgtctct gccactttct ttcagcttag tggcgcgcgg cgcggcgacg accgcccggg 120
gcgtgtgcag cggcggcggc ggaagtggcc ggcgagcccg gtccccgcg gcaccatgct 180
tcccttgta ctgctgaaga cggctcagaa tcaccccatg ttggtggagc tgaaaaatgg 240
ggagacgtac aatggacacc tggtagctg cgacaactgg atgaacatta acctgcgaga 300
agtcactctg acgtccaggg acggggacaa gttctggcgg atgcccaggt gctacatccg 360
cggcagcacc atcaagtacc tgcgcacccc cgacgagatc atcgacatgg tcaaggagga 420
ggtggtggcc aagggccgcg gccgcggagg cctgcagcag cagaagcagc agaaaggccg 480
cggcatgggc ggcgctggcc gaggtgtggt tgggtggcgg ggccgaggtg ggatcccggg 540
cacaggcaga ggccagccag agaagaagcc tggcagacag gcgggcaaac agtgagcgcc 600
caccagacc ggctgctgcg cccctcctg ccagggtggc gattccgctc cacagtctcg 660
gacggatctg ctcaaaaagg aagaggcagg cgccaggggg aacccccctt gtgttttgtg 720
accctccctt ttaggtgaag cccctttttc ttgctaaaaa cggcaattct ccggttagaa 780
atgttacttg gtgttttttg gttttgtgaa acggcgcgtc caaagctggc tggattccta 840
gaagagtctg tgttgaaggc atctttcaag cctctcgctc ggttctcagg gcagcatttt 900
ccaggcgggt ttgttttgca tttcttgag cctctccgag cagcaaccag acgggagatt 960
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cctcggggcc tggcccttcg ctctctctct tgtgttatgg aaataaaaac aaataaaact 1140
acacactgca catccaaaaa aaaaaaaagg ggggggcgtt ttaagggaat aaattttaag 1200
acccgggcgc gggcagggaa atattttttt aagggggccc caaaattaaa tttcggtgcc 1260
gggttttaaa aaaggggggg tgggaaaacc cg 1292

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<210> 7981  
 <211> 1420  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (185)...(984)  
 <223> similar to gi5138906 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7981

gagctgggag	gctgcgagat	ccctaccgca	gtagccgcct	ctgccgcgcg	ggagcttccc	60
gaacctcttc	agccgcccgg	agccgctccc	ggagcccggc	cgtagaggct	gcaatcgag	120
ccgggagccc	gcagcccgcg	ccccgagccc	gccgcgcgcc	tttgagggcg	ccccaggccg	180
cgccatggtg	aaggtgacgt	tcaactccgc	tctggcccag	aaggaggcca	agaaggacga	240
gccaagagc	ggcgaggagg	cgctcatcat	cccccccac	gccgtcgcgg	tggactgcaa	300
ggaccagat	gatgtggtac	cagttggcca	aagaagagcc	tgggtgttgg	gcatgtgctt	360
tggactagca	tttatgcttg	caggtgttat	tctaggagga	gcatacttgt	acaaatattt	420
tgcacttcaa	ccagatgacg	tgtactactg	tggaataaag	tacatcaaag	atgatgtcat	480
cttaaagtga	ccctctgcag	atgccccagc	tgctctctac	cagacaattg	aagaaaatat	540
taaaatcttt	gaagaagaag	aagttgaatt	tatcagtgtg	cctgtcccag	agtttgcaga	600
tagtgatcct	gccaacattg	ttcatgactt	taacaagaaa	cttacagcct	atttagatct	660
taacctggat	aagtgtctatg	tgatccctct	gaacacttcc	attgttatgc	caccagaaaa	720
cctactggag	ttacttatta	acatcaaggc	tggaacctat	ttgcctcagt	cctatctgat	780
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tattcagaaa	cgtgaagcca	gcaattgttt	cgcaattcgg	cattttgaaa	acaaatttgc	960
cgtggaaaact	ttaattttgtt	cttgaacagt	caagaaaaaac	attattgagg	aaaattaata	1020
tcacagcata	acccaccctt	ttacattttg	tgcagtgatt	attttttaaa	gtcttctttc	1080
atgtaagtga	caaacagggc	tttactatct	tttcatctca	ttaattcaat	taaaaccatt	1140
accttaaaat	ttttttcttt	cgaagtgtgg	tgtcttttat	atttgaatta	gtaactgtat	1200
gaagtcatag	ataatagtac	atgtcacctt	aggtagtagg	aagaattaca	atttctttaa	1260
atcattttatc	tggattttta	tgttttatta	gcattttcaa	gaagacggat	tatctagaga	1320
ataatcatat	atatgcatac	gtaaaaatgg	accacagtga	cttatttgta	gttggttagtt	1380
gccctgctac	ctagtttgtt	agtgcatttg	agcacacatt			1420

<210> 7982  
 <211> 3067  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1283)...(2202)

<223> similar to gil051125 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7982

aatgaagggtg	gacacccaaa	tagccccaat	acaaatgcct	gttcaatcaa	ccaaacatct	60
aagcagcaca	tctatgtggt	agcatattgc	caggccgtga	gactgcgaat	ataaatagga	120
accgcccttc	atctgcaggc	gctcacaaac	tagttagcaa	acagtaaaac	aattaagcgc	180
gccgtggaca	taggccact	tgctctggga	aatgagggga	agctgggggt	tgcaagtgtt	240
tgattgaagg	gggactacat	gttagaggca	cagactgggt	gcaggtacac	ccaaaggaac	300
gagaagagtg	gaaggaaaca	acatccacaa	agtaaccaca	tgctggcgta	tcgaaggccg	360
tgatttacgg	ttttgagact	ttacctcgcc	agcaaagggg	ggccagtctg	ttagcgggtg	420
agattggagg	ggtgacattg	gaagctgtcc	aggaaaaaga	aaatggaact	ggggagcaga	480
aggcctacgc	aagagggcgg	gacagacagg	acttgtgact	agtagctctg	gactgaggaa	540
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caccgggcca	acagctcact	agctggcaag	cagtagtatc	aagatggcgg	ccccctagga	780
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aatatcgtca	cagcgtggcg	gtattattac	ctaaggactc	gataggaggt	gggacgcgtg	1080
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gcggggccca	gtctgagcgg	cgatggcggc	ggcgggcgcg	gcggcagcag	cagcgggggc	1320
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catctatggt	ggcaatgtgg	actatggtgc	aacagcagaa	gagctggaag	ctcactttca	1860
tggctgtggt	tcagtcaacc	gtgttaccat	actgtgtgac	aaatttagtg	gccatcccaa	1920
agggtttgcg	tatatagagt	tctcagacaa	agagtcagtg	aggacttcc	tggccttaga	1980
tgagtcccta	tttagaggaa	ggcaaatcaa	ggtgatccca	aaacgaacca	acagaccagg	2040
catcagcaca	acagaccggg	gttttccacg	agcccgctac	cgcgcccggg	ccaccaacta	2100
caacagctcc	cgctctcgat	tctacagtgg	ttttaacagc	aggccccggg	gtcgcgtcta	2160
caggggcccgg	gctagagcga	catcatggta	ttccccttac	taaaaaaagt	gtgtattagg	2220
aggagagaga	ggaaaaaaag	aggaaaagaag	gaaaaaaaaa	ggaattaaaa	aaaaaaaag	2280
aaaaaacaga	agatgacctt	gatggaaaaa	aaatatTTTT	taaaaaaaag	atatactgtg	2340
gaagggggga	gaatcccata	actaactgct	gaggagggac	ctgctttggg	gagtagggga	2400
aggcccaggg	agtggggcag	ggggctgctt	attcactctg	gggattcgcc	atggacacgt	2460
ctcaactgcg	caagctgctg	cccatgtttc	cctgccccac	ttcaccctct	tgggggctgc	2520
tcaagggtag	gtgggcgtgg	gtggtaggag	gttttttttt	taccaggggc	tctggaagga	2580
caccaaactg	ttctgcttgt	taccttccct	cgtcttctc	ctcgcttttc	acagtccct	2640
cctgcctgct	cctgtccagc	caggtctacc	acccacccca	cccctttttt	ccggctccct	2700
gcccctccag	attgcctggt	gatctatttt	gtttcttttt	gtgtttcttt	ttctgttttg	2760
agtgtctttc	tttgaggtt	tctgtagccg	gaagatctcc	gttccgctcc	cagcggctcc	2820
agtgtaaatt	ccccttcccc	ctggggaaat	gcactacctt	gttttggggg	gttttagggg	2880
gtttttgttt	ttcagttgtt	ttgttttttt	gttttttttt	tttcttttgc	cttttttccc	2940
ttttatattg	agggaaatggg	aggaagtggg	aacaggggagg	tgggaggtgg	attttgttta	3000



```

tttttttagc tcatttccag gggtggaat ttttttttaa tatgtgtcat gaataaagtt 3060
gttttttg                                     3067

```

```

<210> 7983
<211> 1164
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1031)...(317)
<223> similar to gi5817183 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7983
tttttttttt ttgcatttca atagaactag ctttattttac ttattttattt attgtaaaca 60
aaagaaatgg tttaaaagca aatgcatata tgtaccaagg gatggacatg acctggtact 120
tacaaaggag ctgctgtgtc ataatggaaa cagcatatta ggagaaaaat agtatttcgt 180
gtgctgtctg cttgagtaat caatctggag atgcaagtta accgaagggtg ctctgccaag 240
ccatcagcgt gagaaaaaaa aaccaccaga agttgcctcc agataacgat gtagtggcag 300
catgataact ggcatcaact cacggtcttc tcattttccc cattttctat aattttcctc 360
ttcttttcat ctattttttt cttgaagatg ttatttcggt aaaactgaag ctctttgatg 420
ctttcactaa tgtcatcaag tgccctatga gaagcagcct tctttggtgc aaattcatat 480
tcttctggat accagcgtct gcacagttct ttaacagtgc tcacatcaat tattctataa 540
tgaagatgtt tcatgaactg gggcatgtat ttgtcaagaa acttcttatc ttcatgaact 600
gaatttcctg caagtggaca gagccctgga ggagtctgct gtcgtacaaa ggacagaaat 660
tcatactctg cctgctgcaa tgtaattgta ctctccttca ctgccttggt aaggccagac 720
ttcccgtgat gctccttaca ccaatctgac atgctgtcca gcaactcatc tggttgtttt 780
ataatcaggt taggaccttc agccaaaatg ttgagatcag agtcagttat cagacaggcc 840
atctcaataa tctggtcctt ctcaatgtcc aatcctgtca tctccagggtc caccagacc 900
atccgctgag ccattgctctc ccctgccgcc atggtgtgcg caccttcgcg gacacctcgg 960
gccccgaacc gtccgtgact cccacctaca ccccgaaca gcctggagcc caggggagccg 1020
cctagcatca cccgggacca gcagccacgg cccagtcctc gcagccggcg ctggcgagg 1080
cgcaatagtc gctaaacgtc gcaaaccac ggggaggcgc acgagcgaat tccaccgcac 1140
tgactagtgt ctcgagtttt caat                                     1164

```

```

<210> 7984
<211> 2935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2936)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (2608)...(915)  
 <223> similar to gi2865252 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7984

tttttttttt	tcaagaataa	cagttttaac	aaaaatgctg	tcagtaagca	aatgtacctt	60
ggagtgaagt	acagaagatt	tttatgtttc	ataaattatt	cccaggggtt	tcagtttggc	120
atacagcaaa	gatacagact	ggattctgag	aacctcctcc	tgccccccaa	atttcctggc	180
tttggcatag	aaagggctac	acagctcttc	catcaagccc	tggcattttc	tactggtaga	240
gattgatttt	tctacagaag	agctcagatt	ttatctcact	aaaaagacgt	gcttgatttt	300
taaattggaa	atttacaaaa	ggagtgaat	gaagtgtgag	tagtaaggta	gtgggtgtct	360
gtgtacatcc	tcatgcccc	ccccagaaga	cattgaagcc	tgaggtatag	cctctaccca	420
ggcattcctc	aggtcctctg	aaggaacttc	cgtcacacaa	gctgagaact	tgctgaattt	480
gaaaagcaat	ttgccctttg	gcatcatcat	ataaagagat	ttacctccag	atgataatag	540
gtgaagacaa	agacttacag	gtgggtgatt	gttggtgggt	tttaaagcca	actgtgatcc	600
catcaatgta	tttctaagga	aaatgtaaac	tgttcataca	ttctcttaaa	catcacagt	660
aaaagcaagt	acccgtatgt	gtgatagggc	aggcagaggg	ctccacctgc	tctgcccttg	720
gcaaaggccc	ttggctacac	tggtgaaaat	gccagctcgg	cttctgcacg	gatacactat	780
gttgtgcat	ccaactggag	tgccgggtga	ccccaaaggc	agggcagggc	agggggaggg	840
ggtattttga	aatgttttca	ggagctctgt	ccagctgtct	ctgtcttcca	gcccggaaact	900
gctgcacaaa	gctacaagga	cactgatgag	accatggatc	tgctgctggt	ctctagggaa	960
gacttggctt	ggagtgtggc	tgccctggatt	cgaaagtgtg	tccttgactc	catggagtaa	1020
ttcttgtagt	tttgcttggc	agattccaaa	agtttgatgg	cctcttcgtt	tctgtcttgc	1080
tccataagca	gcagggccag	ctccagcagg	gcgtttggga	tcaagtagtg	gtcatattta	1140
atcttctttt	cattggcaga	gatgctccta	aaattctcct	cggcctcctg	gacacggccc	1200
aggtatttca	gacacaggcc	tttcaacaat	ttcaccaagc	actcgtcatc	cactgagtac	1260
tcgttctctg	ggcctttctc	cagcatctct	tcagccttag	tgataatctc	aagtatccca	1320
tccgtgagtt	tcggctgctt	cccaatcacg	gcgtagccgt	tccagatgta	catcatttcc	1380
agagcaggca	ctggcagcga	gatagggttg	gaggagaagt	agcgccggga	cttcgggatg	1440
gcaaacttct	ctgtgggtag	agacttccca	gcaatcttga	gcttcaggcc	tggcacagct	1500
cgaaataatt	ccacttcgtc	gtccccgaac	ggcttgtggt	cctccttccc	aaacatgctg	1560
aggtaggcgg	ccttcatgta	aatgtagggt	gccttggacc	agcagttctc	cttgctgagc	1620
aggtcggcgt	agaagtagga	catcttccac	tggcccttgt	aggtgaagca	ccacatcagc	1680
tcccagtagc	acatgtggtg	gaactgcttc	cagtgtctgt	gggcctcaca	gcactcctcg	1740
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aggaagatgg	cacccttagg	gtaccgggtc	aggtagggtc	tcaagagctt	ctcggcctcc	1860
tcgatgttga	cgttcccagt	accgagcacg	aaggtgagga	aggtgtggta	gcacagcagg	1920
agcatgacac	agagcacaga	gcggaagctg	tgccctgacg	ctccctcctc	cagctgcagc	1980
agcccatagt	ccttggtttc	tgaaaacccc	acaaactcca	acagcctcag	gatacctagta	2040
ggaagcatgg	acagtgtcag	gttgaaggcc	cctacaccaa	gcttcactcc	tccttcaaag	2100
tgcggtggtg	tctcaccctt	gcagtattgt	gaggactgaa	caaggctgtc	cagctccttg	2160
taggtctggt	agctgtttcg	aactttgatg	ccgcctttga	tgaagctcac	catgttctcg	2220
tctgcagga	aggtcagggc	tgctcgctgc	agcaggcaact	ttgcatagca	gacctcagcg	2280
tggatttctt	cttcagtga	ttggcccagc	gtggggcggt	tcaccaggct	gctgaaggaa	2340
tctgttacag	aagacttctt	ccggtgcctc	tgacacagca	tctgtgcctc	cttcatcatg	2400
ttgccggcaa	gcaggatgtc	ctgagggtca	aaggtcatca	tggcctgcat	ctccaggatg	2460
gtggcatatg	tcagtgaagt	gtacatgctt	tccttgggtc	tgggcttgag	gtagctgagt	2520
gcttctgaga	actggttggg	gaggaagagg	tccaggggcg	tcatgcaactg	gtccaggggc	2580
tcatggaggc	tgctctcagg	agtccccgcg	ggcagggntc	cctgggggtg	ccatcttctt	2640
gttcttttga	gggaggattg	aagtcattaa	aggcacattg	atgcagccat	ccgnggtttc	2700
gaggagtgtc	tgtgaggcca	gcagnactgg	aagcagttca	ccacatgttg	ctactgggag	2760
ctgatgtggt	gcttcaccta	caagggccaa	gtggaagatt	gtctacttct	tacggccgac	2820

ctgctcaaga aaggagactt gttggtccaa nggccaccta caatttaca tgaggccnnc 2880  
ctacctcaag aatgtttggg gaaggggggg accacaaggc cngtnccggg gagga 2935

<210> 7985  
<211> 1236  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (27)...(753)  
<223> similar to gi6017919 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7985  
tcggaaaagg ccacttttgg gggataatgc tgagggacac tatgaaatct tggaatgata 60  
gccagtcaga tctgtgtagc actgaccaag aagaggaaga agagatgatt tttggtgaaa 120  
atgaagatga tttggatgag atgatggatt taagtgatct gcctacctca ctttttgctt 180  
gcagcgtcca tgaagcagtg tttgaggcac gagagcagaa ggaaagattt gaagcactct 240  
tcaccatcta tgatgaccag gttacttttc agctgtttaa aagctttaga agagtcagaa 300  
taaatttcag caaacctgaa gcggcagcaa gagcgcgaaat agaactccac gaaacagact 360  
tcaatgggca gaagctaaag ctatattttg cacagggtgca gatgtccggc gaagtgcggg 420  
acaagtccta tctcctgcgc cccagcctg tcaagcagtt cctcatctcc cctccagcct 480  
ctcccccggt ggggtggaag cagagcgaag atgcgatgcc tgttataaat tatgatttac 540  
tctgtgtgtg ttccaaattg ggaccaggag agaaatatga acttcacgcg ggaacagagt 600  
cgacacccag cgtggtggtt catgtctgtg aaagtgaac tgaagaggaa gaagagacaa 660  
aaaaccccaa acagaaaatt gccagacaa ggcgccccga cctccgacc gcagcgttga 720  
atgagcccca gacctttgat tgcgcgctgt gaggcccttg gttgtggtgc gaggcggctg 780  
ccctggtggg ctctggccat ggcgctctgt gcctgcggcc gatgcgttgc tgcgaacagc 840  
ataggtgaga ctctgcccag tgaggtatag gtcttctcac cagcctgta ctgcagacac 900  
ggtcgtgtag agtagcagct gatttgacct gtcccagatt ttaagtgata ttccaaaagg 960  
gactttacat taaaggagaa gcccccaaga tgtggccacc cttaaccatt tttaaatagt 1020  
aacaatttag gaaaacagct cccctcccct ccagccatgt aagtcctcct gattctgtat 1080  
cacatgagac accaaaaact ggaaatgtag tcacaccag tacagtacca tttttatgaa 1140  
tttaaaaata gtcttataat tttaattgtt tgtgggtatt tttctactgg tataaatagc 1200  
ttctaattaa taaatcgatc aaaggttgtt actcag 1236

<210> 7986  
<211> 857  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (678)...(280)  
<223> similar to gi2621798 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7986  
agctgtctcc atttgctaaa gctataaaca gttcttgatc tagtcaattg caaaatacat 60  
ggatggccag ggcttctgtt taagcaaaaag aagaaaaaat atcaatagca caaaactgcc 120  
cttatagttt ttgaaaaaat atatctatta agataacaat tttgattttt ttaataagct 180  
gtgcattaaa gtacactttg tttccatcac tctccattac tctagagctc cgctttgtct 240  
gcctgggccc ggctggcgac cccactgcct ccctcggcgg tgccactgct atccgcaggt 300  
gtaaaagaca aggcagccga atttatgcag tatcttttcc cagttggacg aggcccatca 360  
tcaaaaatgt gcccaagggtg agcaccacac tgagagcagc ttgtttccac cctgtgcatc 420  
ccataggaaa agtcatctgt gaatgtgatt gcctcagaat tgatcacatc gtggaatgaa 480  
ggccaacctg aaccggagtc aaatttggtt tctgacttaa acaatggagt tccacaaaca 540  
acacatttat atattccagg atctttgtga tgtgtgtatt ctcccttcaa ggcactttcg 600  
gtccctttct cctgagtgac atggtactgc aggggtgtta gccgcttcct cagttcctgc 660  
tgaggaaaaga ccaccttaca gttcttttta tccctacacg acccgactg cgcacttccc 720  
agagccgcgg ccaggcagag gcagaggcag agggagaggc agagcgagag ggggcgcggg 780  
aggggtccgcc gcgggctcat ggaaaggcca ggcagccacc gccggtgtca gaacctcgct 840  
ccctccctcc ccggtc 857

<210> 7987  
<211> 5580  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (72)...(1464)  
<223> similar to gi4003528 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7987  
gcggccgcgc cggggggccgc cgcgcccgc gcccgtgcc tgcgcgcgcg gccgggcatg 60  
agttagtcgc agacatggac accaaacatt tcctgcccgt cgatttctcc acccaggtga 120  
actcctccct cacctccccg acggggcgag gctccatggc tgccccctcg ctgcacccgt 180  
ccctggggcc tggcatcggc tccccgggac agctgcattc tcccatcagc accctgagct 240  
cccccatcaa cggcattggc ccgcctttct cggatcatcag ctcccccatg ggccccact 300  
ccatgtcggg gcccaaccaca cccaccctgg gcttcagcac tggcagcccc cagctcagct 360  
cacctatgaa ccccgctcagc agcagcgagg acatcaagcc cccctgggc ctcaatggcg 420  
tcctcaaggc ccccgccac ccctcaggaa acatggcttc ctccaccaag cacatctgcg 480  
ccatctgcgg ggaccgctcc tcaggcaagc actatggagt gtacagctgc gaggggtgca 540  
agggcttctt caagcggacg gtgcgcaagg acctgacct cactgcccgc gacaacaagg 600  
actgcctgat tgacaagcgg cagcggaaacc ggtgccagta ctgccgctac cagaagtgcc 660  
tggccatggg catgaagcgg gaagccgtgc aggaggagcg gcagcgtggc aaggaccgga 720  
acgagaatga ggtggagtcg accagcagcg ccaacgagga catgccggtg gagaggatcc 780  
tgagggtgga gctggccgtg gagcccaaga ccgagacct cgtggaggca aacatggggc 840  
tgaacccag ctgcggaac gaccctgtca ccaacatttg ccaagcagcc gacaaacagc 900  
tttccacct ggtggagtgg gccaaagcga tcccacactt ctccagagctg cccctggacg 960

accagggtcat	cctgctgcgg	gcaggctgga	atgagctgct	catgcctcc	ttctcccacc	1020
gctccatcgc	cgtgaaggac	gggatcctc	tggccaccgg	gctgcacgtc	caccggaaca	1080
gcgcccacag	cgcaggggtg	ggcgccatct	ttgacagggt	gctgacggag	cttgtgtcca	1140
agatgcggga	catgcagatg	gacaagacgg	agctgggctg	cctgcgcgcc	atcgctcctct	1200
ttaaccctga	ctccaagggg	ctctcgaacc	cggccgaggt	ggaggcgctg	agggagaagg	1260
tctatgcgtc	cttgagggcc	tactgcaagc	acaagtaccc	agagcagccg	ggaaggttcg	1320
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ctggcctggt	tggacttttg	ggcacagcct	gtcactgtct	tgcctaagag	atgtgttgtc	1620
accctcetta	tttctgttac	tacttgtctg	tggcccaggg	cagtggcttt	cctgaggcag	1680
cagccttcgt	ggcaagaact	agcgtgagcc	cagccagcgg	cctccccacc	gggctctcag	1740
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gagctgcagg	agttgggaac	ggggcttttg	tttcgcgttg	tgtttatoga	tctagtgttt	1860
cagaattcct	gtgtggccct	cctgtctgga	gtgacatctt	catctgctct	gaataactgg	1920
gccagccag	cccgtgacag	cttcccccta	atcaggaggg	gacagctggg	ggcgcaagct	1980
ggtgtgtcat	cagcaaagac	ctcagccgcc	tcggggatga	gaggggactc	gtggggcaag	2040
caagctgcc	tgtgctctga	gtgaggggga	aggtagcccc	tttttccaaa	gataactcac	2100
agttttgcc	tcgagccaat	gagaacatga	gctgccctct	gtgcaagggt	tcggggccac	2160
ctccaggctg	caggggcggg	tcactcacc	ccctgttttc	tctctgcctt	ggtgttctgg	2220
tttcagactc	ccgactcccc	gttcagacca	gagtgcctcg	gccccctccc	agcctgagtc	2280
ttctccttgc	tctgcggggg	gggctgagac	ttgtccttgt	ttcctgcagg	gctggccctg	2340
gctcgggcag	ggtggggcat	caccacctca	ctggccttgc	tggaggcaca	gggctctgcg	2400
gacctgcagc	catctgtgag	gcccgcgggg	atgggagggg	aggagggttg	cctgtttggt	2460
tcctcagag	ggggcaggtg	gcctggagag	agaggggctc	aggaaactggg	agcctcgttg	2520
gtggggcaga	tgctccgcgg	cctggagtg	ctctgcgggg	gcattgggtg	gacccctgct	2580
caggccttct	ctctggctgc	cagttgtgtc	taaaagactc	ttggaatctg	agaaccggga	2640
gtcgcagcgc	cctcgggcct	ggggccacag	caggccctgg	atgggaccac	ccagcctggt	2700
attgtccacg	gacagcgttg	ttcaccacga	gccttacttg	ggagcctcac	tgaacgcctg	2760
ctctggttga	aggtgggggtg	ggggcggggc	ttggggcctc	cctggctcag	cccagtgcgg	2820
cctggcgctc	ctcccgaggg	ctctgcccc	gggctccggt	ggtgcggggc	cctctcaggt	2880
tgaactcgcc	tcttttgcac	tggaaaggccc	tccttttggc	ctgagtactt	ttcccgttca	2940
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acccgagtgg	agcctgcagc	tgagtctgtg	cccagacag	gctgtcagag	attccagaag	3300
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cccctgcccg	atccacgtgc	ctgaggcaga	gtgttgagcc	tcatacctgt	accagggtccc	3420
cggccagctg	ggccctccc	aggcactgcc	aggaagcccc	agctgcccc	ggcggtgtg	3480
gtggaaatgg	caggaggggtg	caggtaactct	tggggcccca	gcgggtgggag	tgcaaaagac	3540
ccaacgcca	cacctggtgc	cttttgagc	cagcgccac	ccatccgtgc	ccggaccctt	3600
gggaatgcc	gcggctccag	aggaaaaagc	ccagggaagg	ggcctccgtt	gcgggggggtc	3660
ggctgcttct	tgggaacttt	gtcgtttccg	gcgtggctg	gctggctggc	tgtaaagcac	3720
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cactgagtag	agaggtagaa	tttctattta	accagacctg	tagtagtatt	accaatccag	3960
ttcaattaag	gtgatttttt	gtaattatta	ttattttggt	gggacaatct	ttaattttct	4020
aaagatagca	ctaacatcag	ctcattagcc	acctgtgcct	gtccccgcct	tggcccggct	4080
ggatgaagcg	gcttccccgc	agggccccc	cttcccagtg	gctgcttctc	ggggaccag	4140
ggcaccgccg	cagccttcag	cacgctcctc	agctggctac	ctcccggtt	tgccgttcag	4200
atgggcttcc	tgaggtctcag	gagtgaaagt	gccacagagc	cgggctcccc	taggtctcgt	4260
cgggcatgct	tggaaagctgg	cctgccagga	ccttcacacc	tggggcctgt	gtcagcgcgc	4320
ggccctccgc	accctggaag	cacacggcct	ctgggaagga			



acggtcgcaa ggtggactct t

1041

<210> 7989  
<211> 1101  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (51)...(249)  
<223> similar to gi4826494 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7989  
tttgatgaca ttcgtccgtg cgggtggaatt cgtggcggat ggagcccgcg atggagccgg 60  
agactctgga ggcgcgaatc aatagagcca cgaaccccct gaacaaggag ctcgactggg 120  
ccagcatcaa cggcttctgc gagcagctca acgaggactt tgaggggcct ccactcgcca 180  
cccggctgct ggcccacaag atccagtccc cacaggagtg ggagggcgatc caggccttga 240  
cggtgagaag gggagaggcc accatccgtc ccccgccatg tgacgacacc aaggggaggcc 300  
aagactgagg ttcttggggt ccataaggct ctccagagcc caagagagtt gtgctaagat 360  
ggcccaggat ggaggtccgg gcttgcccca aggggtccac cacagccagc gggctggcct 420  
cccacccag catccataca cgtaggcctg ttgctgaggg aaggccctct agggtcattct 480  
ggtccagggg ttctttgctt cagctgcaca tcggctgcct ctccaggaag cgtgttcaac 540  
acatggaatc agggctccac ccagacctgc cgaggccaca ctccctggagt atctgcatcc 600  
agagatctgc acgtttgtaa agctaagggg tgggtgcttg gctcaggcct gaggttttgc 660  
atctgttcaa tagcagagga gagaggggtg tactgtctgt ggcccccagc atggggccaca 720  
taccaacca ccatggagca aagctgattt taagtgggtg tagagataca gtttctcttt 780  
taatacttac gtgttttagt gggtgcagtg gcttatacct gtaatttcag cacttgggga 840  
ggccaaggca ggaggttgc ttgaggcaag gagttcaagg ctacagtgag ctatgattgt 900  
gccactgtac tccagactgg acaacagagt gagaccccat ctctaaataa taatcattat 960  
tgttacatat ttgttttaac atttttttct caagtataac tagtcctatg atttcataga 1020  
tgtagcttag gataaggcca aggtagatgt tgcctatata aggttttttt aaaaaaggaa 1080  
aaataggccg ggctggtggc t 1101

<210> 7990  
<211> 2051  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1834)...(395)  
<223> similar to gi3242791 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400>	7990					
cctccaaggc	atttatgagc	tcctgagtg	cacggggcca	ggggaaggct	ggagccaaaa	60
ccaagttttt	gggggcgggg	gtcctttttg	gatccccact	cctgagtgtc	acggggccag	120
gggaaggctg	gagccaaaac	caagtctctg	ggggcggggg	tcctctctgg	atccccacta	180
ctcagctccc	cgggctcccc	atgcagccct	agagacggga	gaagtccagt	gtgccgttcc	240
acctccctcc	aagtcccaag	aaagtgggag	gcagtgttcc	actccagtgt	cgccagacg	300
aacaagtcca	accagtctgg	aaccctaggc	cggcgtggtc	aggctcggggg	cgggagggcc	360
gggcctggct	ctgtctctgt	ctgtgtccag	gtcacacata	aactgccgcg	cgtgagatga	420
gggagccgtc	cagctgggac	tccatgtcat	cctcgagtg	tgggggtgga	ggcaacatga	480
ggcctttctc	tgccttctct	tcctcctcct	cctcctcctc	atccttgcca	tctggttcca	540
tgggaccagg	gactactggt	gtccagaaga	cggggtcccc	atttcccaac	acctgagctt	600
tcggatcgta	gaatcccccg	tcgccactgg	ctcctcctcc	tgctcctcca	gggctcttcc	660
tctcctcct	caccctcagc	aggatgaagg	ccaaggaccc	cccagccaga	agcagcagca	720
ccagcagtg	cccccccacg	gccccccaca	ccagcgggcc	cacatctcgg	ggcgaggccc	780
tgggggtttc	tcggacaaag	atgacctgct	cagcgcggcc	catgcccacg	gcattggtga	840
ctgtgcagac	gaaggtggta	ttgaacagac	tgtccactgc	gtggatgacc	agctgggagc	900
cctggggccac	tgcggaggtc	gggaaggtgc	ctgaggtcgt	gctccagtca	tagcccgtgg	960
gctctgggtt	gctgcggacg	tcacagctca	gggtggcctc	agtcaggccg	aggtaccagt	1020
tgtcatcata	gccggagatg	gacacttcag	gagggtagcg	tacagagagg	gtcacaggta	1080
tcagggctgg	ttcctcgaag	ctctcatgct	ccactttgca	ggtgaccgtg	acaccatctg	1140
ctcgccccga	gggcaccaag	gtgaagcggc	tggtgacagt	gacagttccg	gccagggtcc	1200
ctgacacctg	agtctctttg	gcttcccagt	ccagggatga	gagccaggag	atccgggcag	1260
gtgggcggcc	ctctttggag	atgcagaggg	ccactgtcgt	agggtcctgg	ctgaacgtga	1320
ccttctgggc	ctcagcttgg	ttcttgggct	tggctatgac	tctgagccag	gtcatecctc	1380
ggacggaccc	cttggggaag	gtggcaaact	cgcaagtgt	gttgccctcg	tcctccaccg	1440
tgagcccgtg	gagggccagc	gtggcgctct	ggagctctgc	ctctgtgtct	tgcccagtgc	1500
tctgcttggc	agagacgaag	gacagccgct	cgctgccagg	cttcgggctg	gggaagctgg	1560
gaccatcttt	agggtggaag	gcggccacat	tctggtgggt	cgcaggtgca	tctgggcgct	1620
gccaggtcac	cagggagatg	tacagtccag	gaacaggtgg	cagcaggtgg	cacggcagct	1680
ccacggtgcc	cccgagctgg	cctcgcacct	cgggtagcac	ttgaactcgc	acatcctggg	1740
ctccggtttc	caggagcagc	agcagcagca	gcggccacag	cagcggcgtc	ggcggcgatc	1800
tcgacggcag	gagggcagcg	gccccggcca	tggagggccc	gggaggggac	tgggcccggc	1860
cggagggccc	cggggccact	tgtggggggc	gatcggctgg	gcggtttagt	aggtgcctgt	1920
ggggctccgg	ctccggctcc	gggcgggttc	ccgctgcgct	ctagcctccc	tgttctgtct	1980
tcccggccca	gctctccccg	cccggctcgg	cacccccggc	ctctcgctca	gctccggcgg	2040
ttcgctcgtg	c					2050

```
<210> 7991
<211> 992
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(993)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (86)...(535)
<223> similar to gi3878799 in the genepept database release 114.
```



Run with FASTXY 3.3t00, default parameters

<400> 7991

gcggcccaaa	tcgagatcga	tatccatgtg	gaggaattcc	ctcctgcagg	tgtcctcggg	60
tctcaggtgg	ctgcgtgtct	gcgccatggt	tgacattctg	ggcgagcggc	acctggtgac	120
ctgtaagggc	gcgacggtgg	aggccgaggg	ggcgctgcag	aacaaggtgg	tggcactgta	180
cttcgcggcg	gcccggtgcg	cgcgcgagcc	cgacttcacg	ccgctgctct	gcgacttcta	240
tacggcgctg	gtggccgagg	cgcggcggcc	cgcgcccttc	gaagtgggtct	tcgtgtcagc	300
cgacggcagc	tcccaggaga	tgctggactt	catgcgcgag	ctgcatggcg	cctggctggc	360
gctgcccttc	cacgaccctt	accggcatga	gctgaggaag	aggtacaacg	tcacagccat	420
ccccaagctt	gtgatttgtga	aacaaaatgg	ggaggtcatc	accaacaaag	ggcggaagca	480
gatccgggaa	cgggggttgg	cctgcttcca	ggactgggtg	gaggcggccg	atatcttcca	540
gaatttctcc	gtttgaagtg	ggagggacct	cagagggcca	ggacaggtgc	tgcttctcca	600
gcaccgacgc	tggggcaaag	aggagcatgt	tgggttcctt	cctctgttgg	tgtgatttca	660
ttgtatttca	gagcagaagc	actaagctgt	ggtcaaaaag	caactattgc	tcaggaaata	720
atacactcca	tattttgatc	atgcaggctg	tttgatttat	agttattttt	gttattcttt	780
gcataccttt	atccacctgt	gcttaaggaa	ggatcctcat	atgttcatac	tgagctgttg	840
gaaatctatg	caagacattt	atgtgtacaa	gtctcttcag	gtaaaataat	atattttattg	900
ataacatttt	ctggcgatct	gtttatttta	atggtatgct	ttcacaacta	tcttaataaaa	960
gtttgcaagc	tgtgtacttt	anaaaaaaaaa	aa			992

<210> 7992

<211> 1437

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(893)

<223> similar to gi4008517 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7992

ttgggtcaaca	aggcgggtgt	gaccactac	gggtttcccc	gtcaccaatt	ttccctggaa	60
ttggccagat	ggcaagccac	ccataatgat	actatatgtg	tccaagctaa	acaaaatcat	120
tcacttccct	gattttgata	agaaaattcc	tgtaaagctg	tttcctctgc	ctctcctcta	180
cgttggaac	cacataagtg	gattatcaag	cacaagtaaa	ttaagcctac	cgatgttcac	240
cgtgctcagg	aaattcacca	ttccacttac	cttacttctg	gaaaccatca	tacttgggaa	300
gcagtattca	ctcaacatca	tcctcagtgt	ctttgccatt	attctcgggg	ctttcatagc	360
agctgggtct	gaccttgctt	ttaacttaga	aggctatatt	tttgatttcc	tgaatgatat	420
cttcacagca	gcaaattggag	tttataccaa	acagaaaatg	gacccaaagg	agctagggaa	480
atacgagta	cttttctaca	atgcctgctt	catgattatc	ccaactctta	ttattagtgt	540
ctccactgga	gacctgcaac	aggctactga	attcaaccaa	tggaagaatg	ttgtgtttat	600
cctacagttt	cttctttcct	gttttttggg	gtttctgctg	atgtactcca	cggttctgtg	660
cagctattac	aattcagccc	tgacgacagc	agtggttgga	gccatcaaga	atgtatccgt	720
tgccatcatt	gggatattaa	tcggtggaga	ctacattttc	tctttgttaa	actttgtagg	780
gttaaatatt	tgcatggcag	ggggcttgag	atattccttt	ttaacactga	gcagccagtt	840

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aaaacctaaa cctgtgggtg aagaaaacat ctgtttggat ttgaagagct aaagagtctg 900
cagcaggatt ggagactgac ttgtgactgc gggctggggg ggcattccca gtaggaatgt 960
gaagccagag gtttcggatt cgtgacatcc acccctggg caagtgaag catctgcaaa 1020
atgcaaagag aactacctca tatgcaggat gagccaatgg cagtctcaag aaatgtactc 1080
gggcgacacc ttacctgtgg aaagcaaata ttttcaaaat aagccactgg gactcggtag 1140
gtggagcccc agctgctctt ctagggacct atggggcctt cgtggcatct ctgtgctgtg 1200
tgctggggag gaggttgatg taatggtgac tcttttctga tcagcacctt ggccgtgatt 1260
cccaagggtcc cagccaaagc aaagggccag ttgtttcagt ttaaacagac atgtcttttag 1320
tctaataaaa ttagttaact gccagtaaag ttatttgta gctttgatga aagctatggt 1380
ggtatctttc cctaatacat aaagtaaata aaaaatcatt tctaaaaaaa aaaaaaa 1437

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<210> 7993

<211> 2048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (167)...(1159)

<223> similar to gi4884175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 7993

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gggagctgga cgagtccgag cgcgtcacct cctcacgctg cggctgtcgc cgtgtcccgc 60
cggcccgttc cgtgtcgcgc cgcagtgtct cggccgcgcg ggcaccatgg ctgtgtttgt 120
cgtgtcctct gcggttggtg cgggtgtttt ggggaacgag tttagtatat taaaatcacc 180
agggctctgt gttttccgaa atggaaattg gcctatacca ggagagcgga tcccagacgt 240
ggctgcattg tccatgggct tctctgtgaa agaagacctt tcttgccag gactcgcagt 300
gggtaacctg tttcatcgtc ctcgggctac cgtcatgggt atgggtgaagg gagtgaacaa 360
actggctcta cccccaggca gtgtcatttc gtaccctttg gagaatgcag ttccttttag 420
tcttgacagt gttgcaaatt ccattcactc cttattttct gaggaaaact ctgttgtttt 480
gcagttggct cccagtggag aaagagtgtg tatggtaggg aaggcaaaact cagtgtttga 540
agacctttca gtcaccttgc gccagctccg taatcgctg tttcaagaaa actctgttct 600
cagttcactc cccctcaatt ctctgagtag gaacaatgaa gttgacctgc tctttctttc 660
tgaactgcaa gtgctacatg atatttcaag cttgctgtct cgtcataagc atctagccaa 720
ggatcattct cctgatttat attcactgga gctggcagg ttggatgaaa ttgggaagcg 780
ttatggggaa gactctgaac aattcagaga tgcttctaag atccttggtg acgctctgca 840
aaagtttgca gatgacatgt acagtcttta tgggtgggaat gcagtggtag agttagtcac 900
tgtcaagtca tttgacacct ccctcattag gaagacaagg actatccttg aggcaaaaca 960
agcgaagaac ccagcaagtc cctataacct tgcataaag tataattttg aatattccgt 1020
ggttttcaac atggtacttt ggataatgat cgccttggcc ttggctgtga ttatcacctc 1080
ttacaatatt tggaacatgg atcctggata tgatagcatc atttatagga tgacaaacca 1140
gaagattcga atggattgaa tgttacctgt gccagaatta gaaaaggggg ttggaaattg 1200
gctgttttgt taaaatatat ctttttagtgt gctttaaagt agatagtata ctttacattt 1260
ataaaaaaaaa atcaaatttt gttctttatt ttgtgtgtgc ctgtgatgtt tttctagagt 1320
gaattatagt attgacgtga atcccactgt ggtatagatt ccataatatg cttgaatatt 1380
atgatatagc catttaataa cattgatttc attctgttta atgaatttgg aaatatgcac 1440
tgaaagaaat gtaaaacatt tagaatagct cgtgttatgg aaaaaagtgc actgaattta 1500
ttagacaaac ttacgaatgc ttaacttctt tacacagcat aggtgaaaat catatttggg 1560
ctattgtata ctatgaacaa tttgtaaatt tcttaatttg atgtaaataa ctctgaaaca 1620

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agagaaaagg tttttaactt agagtagccc taaaatatgg atgtgcttat ataatcgctt 1680
agttttggaa ctgtatctga gtaacagagg acagctgttt ttttaaccctc ttctgcaagt 1740
ttgttgacct acatgggcta atatggatac taaaaatact acattgatct aagaagaaac 1800
tagccttgtg gagtatatag atgcttttca ttatacacac aaaaatccct gagggacatt 1860
ttgaggcatg aatataaaaac atttttatatt cagtaacttt tccccctgtg taagttacta 1920
tggtttgtgg tacaacttca ttctatagaa tattaagtgg aagtgggtga attctacttt 1980
ttatgttgga gtggaccaat gtctatcaag agtgacaaat aaagttaatg atgattccaa 2040
aaaaaaaaa 2048

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<210> 7994
<211> 1870
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (323)...(1173)
<223> similar to gi5708202 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7994
tcgatacgac tttttttttt tttttttttt ttccggtagg tcgccagctg aggcggtttg 60
taagtttttg gtcgcagtat gctagaattt tgaggctccc ttctgatgaa aattgagctg 120
tccatgcagc catggaaccc gggttacagc agtgaggggg ccacggctca aggctggagt 180
gcagtggcat gatcttggct cactacaacc tccaccttct gggctcaagc agtcctccca 240
cctgagcctc tcaagtagct gggacttcag gcacgcacca acacaccag aaacttacac 300
atgtccaaaa atgattgaga tggagcaggc ggaggcccag cttgctgagt tagacctgct 360
agccagtatg ttccctgggt agaatgagct catagtgaat gaccagctgg ctgtagcaga 420
actgaaagat tgtattgaaa agaagacaat ggaggggcca tcttcaaaag tctactttac 480
tatcaatatg aacctggatg tatctgacga aaaaatggcg atgttttctc tggcctgtat 540
tcttcccttt aaatacccgg cagttctgcc tgaattact gtcagatcag tattattgag 600
tagatcccag cagactcagc tgaacacaga tctgactgca ttccctgcaa aacattgtca 660
tggagatggt tgtatactga atgccacaga gtgggttaga gaacacgcct ctggctatgt 720
cagcagagat acttcatctt caccaccac aggaagcaca gtccagtcag ttgacctcat 780
cttcacgaga ctctggatct acagccatca tatctataac aaatgcaaaa gaaagaatat 840
tctagagtgg gcaaaggagc tttccctgtc tgggtttagc atgcctggaa aacctggtgt 900
tgtttgtgtg gaaggcccac aaagtgcctg tgaagaattc tgggcaagac tcagaaaatt 960
aaactggaag agaattttta ttccgcatcg agaagacatt ccttttgatg gtacaaatga 1020
tgaaacggaa agacaaagga aattttccat ttttgaagaa aaagtgttca gtgttaatgg 1080
agccagggga aaccacatgg acttttgtca gctctatcag ttcttaaaca ccaaaggatg 1140
tggggatggt ttccagatgt tcccttgggt gtagaaggac aatgacatca agagtagttg 1200
aaaagtatct tgccactgtt ggccttttga ttttttttcc ccactttttc ttgaaagatt 1260
aagtaatttt attttagttc cattctagaa tgttggggag tggggcacia gaaaaaatag 1320
taaaaatgaa atgcatctgt taaaatgtc atggattgaa agcagaactg gagtttcaaa 1380
ttacaacctt aaaattgttg ttagatatatt ccttcacatt accagctgcc ccattttgaa 1440
aaagaaatta tcccataaag gtaatgttgg tgctccaaat ttgccagacc cattccccaa 1500
cccccttct ccccttacct gcccttcacc taaagaaccc cagaaaagct aattgctccc 1560
cctttcagcc tctgttgcaa ctaacaactc tcagtggcct caggacacag ctttggcctt 1620
ggggaattct gggaaaactt ttacttctct attaaagata catatgcagt taggccacct 1680
cctccccccc ttactgccat aaacacccaa gtgatgactg gagctggagg agttatttga 1740

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accacgacgg	aagggccaag	agaaccacga	agatgccagt	tgccacattg	ttgagctgct	1800
gacccaacac	cagccattgc	ctgtctctaa	acatcttatg	aaataaaacc	agttttgttt	1860
aaaaaaaaaa						1870

<210> 7995  
 <211> 5449  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(5450)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (226)...(1124)  
 <223> similar to gi3413926 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7995						
aggaaccaag	cccccaacat	ggccggccccg	gcggaggagc	ggatggctga	ggaaggaggc	60
ggcgccaag	gcgacggcgg	ttcctctttg	gcctccggct	ctaccagcg	acagcctcca	120
ccgcccgcgc	cacagcacc	gcagccgggg	tcccaggcgc	tcccagcccc	cgcgctggct	180
ccggaccagc	tgccctcaaaa	caacacgctt	gtggcgctgc	ccatcgtagc	catcgagaac	240
atcctcagct	ttatgtccta	cgacgaaatt	agccagctcc	gcctggtttg	taaaagaatg	300
gacttggtct	gccagagaat	gttgaatcag	ggattttctga	aagtggagag	gtaccataat	360
ctatgtcaga	aacaagttaa	agcacaactc	ccaaggagag	agtcagaaag	gagaaaccat	420
tcattagctc	gtcatgcaga	cattcttgct	gctgttgaaa	caaggctgtc	actattaaat	480
atgactttca	tgaaatatgt	ggattccaat	ctctgttgct	tcatcccagg	aaaggtgatt	540
gatgagattt	atcgtgtgtt	gagatatgtc	aattctacca	gagccctca	acgagctcat	600
gaagtacttc	aagaattaag	ggatatatcc	tctatggcaa	tgagtagctt	tgatgaaaag	660
attgttccaa	ttttaaaagag	gaaattacca	ggatcagatg	tttctggaag	actcatgggc	720
tctcctccag	ttccaggacc	gtctgcagcc	ctaacaacaa	tgacagctct	ctccaagcaa	780
aatccttcaa	gacaagaggt	taccaaactc	cagcagcagg	ttaaaacaaa	tggtgctggc	840
gtgactgttc	tcaggcgtga	aattttctgag	cttcgcacca	aagtgcaaga	acagcaaaaa	900
cagcttcaag	accaggacca	gaaactgcta	gagcagaccc	agatcatagg	tgaacaaaat	960
gcacggtttg	cagagctaga	acgcaaaacta	cgagaagtaa	tggaagtgct	tgtaggaaat	1020
tcctcagggg	ccgggcagaa	tgaggagtct	cctcggaaac	gaaaaaaggc	cacggaagcc	1080
atagactctc	ttaggaaatc	taaacgtctt	cggaatagaa	agtaaattgg	aatgtggttc	1140
tagttccaga	ggaagacaca	gcttagtagc	ttaagcagtt	atgcatatca	ggatactgtg	1200
agcaacatgg	tgtcccttaa	gcttctaggc	tttcagaaca	caacttaaac	ttgaactctt	1260
atggttgagg	cattcttttc	ctgcttctcc	tgattgaact	gatgcacaga	atctttttac	1320
tttgcaatag	atttgtacta	accagacctg	ttctatcatg	ttttgaggag	tttaactttt	1380
tctgtgcaga	taatggttg	aaagtaaagt	taatttggtt	ctgcatatat	gcacatacat	1440
acgtaaggat	cttaaaccca	gtcttgacag	actagaagtt	aagtttaata	cagaaaatgt	1500
cctgttcact	tgaaagaaaa	gacctacttt	ttaaatggac	actatcttgg	ttcttttttt	1560
tttaagtcac	ctttttgtta	taagtgaact	ttgtctggaa	tgtctgaaaa	gtagttaatg	1620
cttttttgga	ttgaagtaac	gggtaactaa	aatggacttc	catagtattg	actgtagaag	1680
gagcctctac	aatattgact	atatattttt	ataaactact	ggcaaggaac	ttaccagct	1740

00770" 012100

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<210> 7996

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (61)...(1471)

<223> similar to gi5042232 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 7997

<211> 572

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (72)...(419)  
 <223> similar to gil200085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 7997  
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 cccctccagc aaataaagca tgaaatatac ag 572

<210> 7998  
 <211> 5271  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (179)...(3473)  
 <223> similar to gi34366 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tgtccatca	caaacacctc	tcagaaacaa	cgtgggatga	aaaagcaaga	cagttcatac	3060
agtatgatgc	catttttata	aagctcaaaa	ccaaaaaaaa	aa		3102

<210> 8000

<211> 1746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (116)...(968)

<223> similar to gi31647 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8000

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ctggacaggt	ttgtacacct	tgtcagtggt	cgtgaaccgg	cattctactg	ccattggccg	180
agtatggctc	tcgggtcatct	tcattcttcag	aattcatgggt	ctgggtgggtg	ctgcagagag	240
tgtgtggggg	gatgagaaat	cttccttcat	ctgcaacaca	ctccagcctg	gctgcaacag	300

cgtttgctat	gaccaattct	tccccatctc	ccatgtgctg	ctgtgggtccc	tgcagctcat	360
cctagtttcc	accccagctc	tcctcgtggc	catgcacgtg	gctcaccagc	aacacataga	420
gaagaaaatg	ctacggcttg	agggccatgg	ggacccccta	cacctggagg	aggtgaagag	480
gcacaagggtc	cacatctcaa	ggacactgtg	gtggacctat	gtcatcagcg	tgggtgttccg	540
gctgttgttt	gaggccgtct	tcatgtatgt	cttttatctg	ctctaccctg	gctatgccat	600
ggtgcggctg	gtcaagtgcg	acgtctaccc	ctgcccacac	acagtggact	gcttcgtgtc	660
ccgccccacc	gagaaaaccg	tcttcaccgt	cttcatgcta	gctgcctctg	gcatctgcat	720
catcctcaat	gtggccgagg	tgggttacct	catcatccgg	gcctgtgccc	gccgagccca	780
gcgccgctcc	aatccacctt	cccgaagg	ctcgggcttc	ggccaccgcc	tctcacctga	840
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ctgctgatgc	cacataccag	gcaacctccc	atcccccccc	cgaccctgcc	ctgggcgagc	1020
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ggggagctag	agggcaccta	tggcagtgtc	caagggttact	gggagtgtgg	gctgcccttg	1200
ttgcctgcac	ccttccctct	tccctctccc	tctctctggg	accactgggt	acaagagatg	1260
ggatgctccg	acagcgtctc	caattatgaa	actaatctta	accctgtgct	gtcagatacc	1320
ctgtttctgg	agtcacatca	gtgaggagg	atgtgggtaa	gaggagcaga	gggcaggggt	1380
gctgtggaca	tgtgggtgga	gaaggagg	tggccagcac	tagtaaagga	ggaatagtgc	1440
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agtttcataa	ttggagacgc	tgtcggagca	tcccatctct	tgtaccacag	ggtcccagag	1740
tcgacg						1746

<210> 8001  
 <211> 1849  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1676)...(148)  
 <223> similar to gi473407 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8001						
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aaaaattctt	gatttctcta	aaacactaag	atgctatctc	aatagagatt	gcttcacatt	180
ttccagtttc	ttgatctgtg	catgtcacat	gtaaagatcc	atcccttttc	atagtaagaa	240
cagctaatat	atcacgtaat	ccattttctt	ttttatctaa	atcctggagt	acaacctgtg	300
caaacttggt	ttcctctttg	gcagagttct	tcccatcaga	ctcatagagt	tcaaggcaca	360
ctgaagatat	gcttccaggg	gcttgcaatg	tgtgttgtct	tcgagctggc	aaaggagtcc	420
ctgatggaaa	cagcactgtg	aatctactgg	ctcctgattc	gtccacaccc	ttaactaaaa	480
tatctctggc	tgaacactct	atcataagag	agtcttccac	caacagggtt	tctttcccaa	540
taagaattcc	tgcttctata	gctgcaccaa	tagggatcac	ttcatcagga	gggatagaat	600
tgagaagctc	aacagctggg	aaaagatctt	taatcagttg	ctgtagcttt	gggattcgag	660
aagaccctcc	acaaaggaca	accttggtga	tatcatctgc	tgtaaatcca	ttttgatcta	720

```

agagtcctct gattgcttct atacacttat taaaaagtgg agaacaaaga agttcaaadc 780
ttgctctgga cacattgcaa tcaaaatctt gaccttcata taatgagtca agaaaacagt 840
tggcacttcc caaggttgac aaagaatgtt tcgctacttc agcactgttc gttaatttca 900
tcatggctcg cgcatcttct ctacatcat gtttgaagga tctttggaac tcagaagcta 960
gatactgtgc taaggtttct gtgaaatgtg caccaccgat gttatcatca gtgtttgttg 1020
aaagaacccg atatattcca ctgttaactt ccatgacgct gagagataag gatgttcctc 1080
caagcttaaa caccaaaata ttgctttttc cagtagggga gtcttgtcca attccataag 1140
caagaagagc tgcagacggt tcgtgaatta atcgcaaaac attaaatcca gcagctctag 1200
ctgcttctcc aagagcattt ttttgctttt ctccaaaatc aaacgggaca gtaataacta 1260
catcatttgc atctgagccc aatacagaat gtgccgtttc tttcatttta ctaaataatca 1320
gtctggcaac atcttctggg ttaacaaatt ttgtttcttc tccagtatct atttcatatc 1380
gtaatttccc atttttttca atgactaaac atttactttc cgcgatgtat ttctgagctt 1440
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caacagctgg agtaactcgg tcaccggcat catttgcaac cacaccagcc cggccatcct 1620
tatagacggc cacacaggct gaggtgcagc ccagggtgaac tccgatggcc gccatgaggc 1680
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caacggcccc atcaggcacc gcggagcttc acgttcccgc cagccccctg cgtccggctg 1800
gccgatacag cctcccgcgt cgccgccaat cagcgtgaag gttccgcc 1849

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<210> 8002
<211> 2095
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (852)...(1078)
<223> similar to gi406263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8002
ctgataggcg gcctcgtcct tcagcctcag tatecgtgcc tactggaag agccccacct 60
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tggggcaggc cgaggaccgg ccctggctgc cctcactgat ggctggagcc ccgatgctag 180
ctacaatggc tggcttgagt ggacttctgt cacagaggca aatgcccaca gggcacctct 240
tggggcaggc agggagcttg tatgtgcat ctggggccaa agctccacga ttgagtcata 300
agttaagggg agatggagat tttccgcctt gagcagaaac gtggaggaaa cagcctggt 360
gtgtgactca cgctgtaat cccagcactt cgggaagccg aggtgggagg atcacctgag 420
gtcaggaggt caaaaccaac ttggtcaaca tggtgaaact ctgtctctac taaaaacaca 480
aaattagatg gctgggtggt gcacgcctgt aatcccagct gacggctgga gccccgatgc 540
tagctacaat ggctggcttg agtggacttc tgtcaggaga attgcttgaa ctggggaggt 600
ggaagttgca gtgagccaag atcgtacat tgcgctctag tctgggcgac aagagtgaag 660
ctcctcctca aaaaaagaaa ataagagaaa agagaagaga agaggaaaaa gaaaagaaga 720
aaagaaacaa cccttgcatg tccccggcca ctcccagag ccagttaggc caccaggtgg 780
gctggggcta gacccggctg cgggaggggc acagagggac taatggccac cacttctctc 840
catcctgcag gcagctgcca gaccgggcca tcaggagcca ggggtggggag tacgtgcagc 900
ccatgctgag caagtacgag gctgtgtgag tgcgctgccc tggctacggc accagaacca 960
acactatcat cctggtagat gcggacggcc acgtgacctt cactgagcgt agcatgatgg 1020
acaaggacct ctcccactgg gagaccagaa cctatgagtt cacactgcag agctaaccac 1080

```

```

acctctgggc ctggccagtg ggctcctggg gggccctgcc ttgaggggca ctgtggacag 1140
gaaaccttcc tttgccatac tgcattgcac tgcccgtggc ttggccagca tcccccgat 1200
cagggccctg tggtttgcgt gttacccatc tgtgtcccca tgcccagttc aggggtctgcc 1260
tttatgccag tgaggagcag cagagtctga tactagggtct aggaccggcc gaggtatacc 1320
atgaacatgt ggatacacct gagcccaactc ttgcacatgt acacaggcac tcacatggca 1380
cacacataca ctctgcgtg tgcacaagca cacacatgca aggcatatac atggacaccg 1440
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gagaaaaacc cactctctct tttttttttt tttgagacgg agtttggctc ggcccccg 1800
gcgggagggc aggggcccac tttgggttaa cggaaccccc ggcccccaag gttaaagaaa 1860
ttctccggcc ccaccccccg gataattggg attaacgggg gggggccccc tgccccagct 1920
atTTTTgggg ttttaagaaa aacgggggtt ccccttgggg ggccggggcg gcttgaaccc 1980
ccggaggggg gaaccccccg gcctggggcc cccaaagggc ggggtttaca ggggggagcc 2040
cccaccccg gccaacaaac ccctttctat aacaaaaggg ccaacttttg ggtaa 2095

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<210> 8003

<211> 2095

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1345)...(360)

<223> similar to gi5817192 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8003

```

TTTTTTTTTT ttgacacaat aacaaacacc tattttattat attaaatacc aggcctggaa 60
atattaaggt accaaattac cagattccca agaaattaca ttccacatcc caaaatgtcc 120
tgttggtgct ttgacaacta aaacaatggt ttagaaagat ttgttttcag atccgtaaaa 180
aatagcaaca atttggggga taaaaataag taaaatccaa aaacttcaa agtttattcc 240
aaattctttt gaatccttat ggtgggctgt aaaaccagtt tttaaatgct catagcttca 300
gggatggggg agtatcacag tttatatgaa ttctgccta gggaagccca gcaatgttac 360
acagtagttt cgtgtttcca taatccagtc ctaacattgc cagtgcatac ggtaccgagc 420
aagggtccct cctgccatt gcttttaatt ggtccattct gaatggccaa gttgaggcca 480
taagatTTTT gctgattttc aagttcaacc acagctggct tccttaacgc atctttttta 540
ctagtgggtg aaactggctt ttcaaaattt ctgctacttt tgggaagtgt gctacaagca 600
tcgctgctgt cttgctgggg tgggtgttac tgtctctctc tgtaggctaa ataagctctt 660
cggctcctcg agtgctcttc gttattgccc agccggcttt taggtaagcc gttctgcacg 720
cttccttcca cgtcgttggt gacatcgtag gcatattctc tcaggactgt gagtcggctt 780
gcccggtgtc ctttacttct gtttttatgg tggcggttg agtgacatt tgttcgaaac 840
tgaacttcta aaggcgccac gtgcatttta atatcattgt ccattgaatg ttctgtcaga 900
ctattatcaa gctgaggggt ggagttcaaa ggtaaagaat tggcatggca ctgagctgca 960
gccgcctgca agtttggttaa ttgacagccc tgggaggaat ttttgaagct tgaagcactt 1020
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ccattagagt tggggggctg gacgttgact tgcactgaat acgagctccg tcctgggcag 1140
caagtcatga tccacgcaag tctaacatcc tccctattaa cacaatgggt gaccacgaag 1200

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09402711 P33 P00

<211> 5534

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (276) \dots (1865)$ 

```
<223> similar to gi5689499 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<400> 8004

6612

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agttactgat	ggccatggag	aaggtaaagc	aggaactaga	atccatgaaa	gcaaagctgt	1500
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gaaggaaaaca	cttagaggaa	gttctggaga	tgaagcaaga	agctcttctg	gctgccatta	1620
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aggaagtggc	tgccctgaag	cgggagaagg	atcgtctggt	acagcagctt	aagcagcaga	1740
cgcaaaatcg	aatgaagcta	atggccgaca	actacgagga	tgaccacttc	aaatcctccc	1800
attccaatca	aacaaatcac	aagccctccc	cagaccagga	tgaggaggag	ggtatatggg	1860
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agaacttgac	caaaaatagaa	gtaaaattaaa	gttgtacatt	ggacacctga	caaccctctg	1980
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tcagcagata	gcagaccatt	gtcccgacat	cctagagcaa	gtggtcaacg	ccctggaaga	2220
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agaactacga	ggaacagggtg	cccggaaact	tcttggcacc	aaacactaca	aacttcatcc	2340
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<210> 8006

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (53)...(1266)

<223> similar to gi469466 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8006

gcctcgaatt	cccgggtcga	cgatttcgtc	tcccttggtc	ctggtgctgg	tgggtggctgt	60
gacagtgcgg	gcggccttgt	tccgctccag	tctggccgag	ttcatttccg	agcgggtgga	120
ggtggtgtcc	ccactgagct	cttggaagag	agtgggtgaa	ggcctttcac	tgttggaact	180
gggagtatct	ccgtattctg	gagcagtatt	tcatgaaact	ccattaataa	tatacctctt	240
tcattttccta	attgactatg	ctgaattggg	gtttatgata	actgatgcac	tcactgctat	300
tgccctgtat	tttgcaatcc	aggacttcaa	taaagttgtg	tttaaaaagc	agaaaactcct	360
cctagaactg	gaccagtatg	ccccagatgt	ggccgaactc	atccggaccc	ctatggaaat	420
gcgttacatc	cctttgaaag	tggccctgtt	ctatctctta	aatccttaca	cgattttgtc	480
ttgtgttgcc	aagtctacct	gtgccatcaa	caacaccctc	attgctttct	tcattttgac	540
tacgataaaa	ggcagtgcct	tccctcagtgc	tatttttctt	gccttagcga	cataccagtc	600
tctgtaccca	ctcaccttgt	ttgtcccagg	actcctctat	ctcctccagc	ggcagtacat	660
acctgtgaaa	atgaagagca	aagccttctg	gatcttttct	tgggagtatg	ccatgatgta	720
tgtgggaagc	ctagtggtaa	tcatttgcct	ctccttcttc	cttctcagct	cttgggattt	780
catccccgca	gtctatggct	ttatactttc	tgttccagat	ctcactccaa	acattgggtct	840
tttctggtac	ttctttgcag	agatgtttga	gcacttcagc	ctcttctttg	tatgtgtgtt	900
tcagatcaac	gtcttcttct	acaccatccc	cttagccata	aagctaaagg	agcaccacct	960

```

cttcttcatg tttatccaga tcgctgtcat cgccatcttt aagtcctacc cgacagtggg 1020
ggacgtggcg ctctacatgg ccttcttccc cgtgtggaac catctctaca gattcctgag 1080
aaacatcttt gtcctcacct gcatcatcat cgtctgttcc ctgctcttcc ctgtcctgtg 1140
gcacctctgg atttatgcag gaagtgccaa ctctaatttc ttttatgcca tcacactgac 1200
cttcaacggt gggcagatcc tgctcatctc tgattacttc tatgccttcc tgcggcgagg 1260
gtactacctc acacatggcc tctacttgac cgccaaggat ggcacagagg ccatgctcgt 1320
gctcaagtag gcctggctgg cacagggtg catggacctc agggggctgt ggggccagaa 1380
gctgggcca ggcctccagc cagagttgcc agcaggcgag tgcttgggca gaagagggtc 1440
gagtccaggg tcacaagtct ctggtaccaa aagggaccca tggctgactg acagcaaggc 1500
ctatggggaa gaactgggag ctccccaact tggaccccca cttgtgggt ctgcacacca 1560
aggagcccc tcccagacag gaaggagaag aggcagggtg gcagggcttg ttagattgtg 1620
gctacttaat aaatgttttt tggtatgaag tctaaaaaaa aaa 1663

```

```

<210> 8007
<211> 1502
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (963)...(1388)
<223> similar to gi5912212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8007
gggtgaaccc ttcatactgg gtcttttaat ttctcaggcg gaacgagtgg cggcgagacag 60
aggcttttgg ctgcgctgtc tgtgggttgt ctgggcttgg ggaactgggc acggagaccg 120
tggcgccggc cgccggtcat acagctctgc ttccagtcgt cgggcaaaaa gctgaggcgc 180
ttctccttta attgcggttg gcggggcggt cgcagcgggc ccgcttggt attggtggcc 240
gttggggggc cggaaactga acggggcgca acggccaccg cagctgccat cggcgccgcc 300
agccccgcca tggctgcgcc ctgcgcggag gacccctcgc tggaaaggca ttttaagggc 360
caccgagatg cagttacctg tgtggacttc agtatcaaca caaagcagct ggccagtggg 420
ccatggactc atgctcatg gtctggcaca tgaagctgca gtcacgcgcc taccgcttca 480
ctggccacaa ggatgcogtc acctgtgtga acttctctcc ttccggacac ctgcttgctt 540
ccggctcccg agacaagact gtccgcatct gggtaaccaa tgtcaaagggt gagtccactg 600
tgtttcgtgc acacacagcc acagtgagga gtgtccactt ctgcagtgat ggccagtcct 660
tcgtgacagc ctctgacgac aagacagtca aagtgtgggc aactcatcgc cagaaattcc 720
tgtttctcct gagccagcat atcaactggg tccgctgtgc caagttctcc cccgacgggc 780
ggctcatcgt gtctgccagt gatgacaaga ctgttaagct gtgggacaag agcagccggg 840
aatgtgtcca ctctatttgt gagcatggcg gctttgtcac ctatgtggac ttccacccca 900
gtgggacgtg cattgccgct gccggcatgg acaacacagt gaagggtgtg gacgtgcgga 960
ctcaccggct gctgcagcat tatcagttgc acagtgcagc agtgaacggg ctctctttcc 1020
accgctcggg aaactacctg atcacagcct ccagtgactc aaccctgaag atcctggacc 1080
tgatggaggg ccggtgctc tacacactcc acgggcatca gggaccagcc accactgttg 1140
ccttttcaag aacggggggg tattttgctt ctggaggctc tgatgaacaa gtgatggttt 1200
ggaagagtaa ctttgatatt ggtgatcatg gagaagtcac gaaagtgccg agggccccag 1260
ccacactggc cagctccatg gggaatctga cagtctccat tctggagcag cggttgacac 1320
tggaagaaga caagctgaag cagtgtctgg agaaccagca gctaatacat cagagagcaa 1380
caccatgatc aggggagcag gaatcaggag ctcggtggat ttgcagggtg caggccaggg 1440
atgtgtacca tgggacttgg gtaataaag gggactgaac tctgtgggaa tcacatccat 1500

```

```

<210> 8008
<211> 1052
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (745)...(323)
<223> similar to gi5880865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8008
tttttttttt ttaagaagca acatgtgtat tattaaatta tttgtcagaa tttccagaat      60
cagagtctct actgggcaag tagaaaaata gaaaagttta ctactttgaa aaggaaacta      120
tgacaaacaa gtatatattc aggaaaggga ctcctagaac ttgagcaaca aaaaagagtt      180
caacctcggc acagtggagt ctgcagtgtc tccgcaacaa cagaaatgaa cttgtgttcc      240
tcacatcctt gagagtcgag gtttgcattt ctctacagag ctagggtga atgaagcaaa      300
gagacctctg ccacccccac tagctggccc agtcctggaa gcggaagcag tcacttgcca      360
tcttccacac tgtgttgctg ggtgaggcct gggcggtcag gatgaagttc tggttgaagt      420
cccgttgttt gttcccctca aacttcaactg atccacagat gacaacaagg accgtggtct      480
ggcttggtgt ggcttcatca tgaacaggct ggcagtctac cacgctgatt tggaaactcg      540
tggaaggcaa catttcaaaa aactcaactca aggattcttg tcctgaaaca gcattgccat      600
tccagaccag ggtggctgtg cccatgtaca ggcgggacag caaacgccgc cgcttatcca      660
tggtggtgta gtagacattg acaaactcct cagcagctct gcaggcctga tccacatagg      720
tcttgaaatc cacagatgcc atctctgggt ctatggaagg agggctccac cagggtatct      780
cctctgcctt ggggaaccag gggctgcgcg gcgacgtcca gggtcagcgc gggccgcggc      840
ccccacggtc gggacgcccc ccgcgtggga cgagttcca ctgaggggccc ggccgcggag      900
gtcacaaggt gggcccaccg aagcctctgg taggggcacg ggaagagccg cctttctctc      960
ctctctctcc ttcttgaggg cttactctgg gtcaccgggg cccagagacc gggggacttt     1020
ccggcgcagt tccgcggctt cccgcgcgcg gc                                1052

```

```

<210> 8009
<211> 4558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4559)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (167)...(2007)

```

<223> similar to gi458255 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8009

gggttcagta	gtttgggaag	ggagctgggg	gaggcagtgg	cggtctggagt	aggtaggcga	60
gtaaaaggag	gaggaagggc	tggggagaag	agcgaggctg	tagcggtctg	ctgttgaggg	120
aggaagaggt	ggggggtgtg	gaggaggggg	aggagagaga	gatgacatgg	ggagaggagg	180
aggggggttg	gacgtgggag	gaggaggaga	gggctcgagg	gaccgtctgt	cgcgggacgg	240
gctggccagc	tggggcgcg	agcctggagg	aggaggcagc	ggcagcgga	gcagcagccc	300
tccgagcagc	agcagctgca	gcagcagaaa	caagtaccag	ccacaaagcg	gctcctctgg	360
cccaagcagc	cacagtcccc	ccgcccgcg	ggcgctgcaa	agccaggcga	gcgaggaagc	420
aaaggggccc	tggcaggagg	cagaccagga	acagcaggag	ccggtgggta	gcccagagcc	480
ggagtctgag	ccggagcctg	agcccagagc	cgagcccgtg	ccagtgtccc	cgcccagagc	540
ccagccggag	ccccagcccc	taccggaccc	cgcacccctg	ccggagctgg	agtctgagtc	600
cgagcgggtg	cacgaacccg	agcccacgcc	tacggtagag	acccgcggca	ccgcgcgcgg	660
cttccagcct	cccgaaggtg	gcttcggctg	ggtgggtggg	ttcgctgcca	cctggtgcaa	720
cggtctccat	ttcggcaccc	ataactctgt	cgggatcctc	tactccatgc	tgctagagga	780
ggaaaaggaa	aaaaatcgcc	aagtggagtt	ccaagcagca	tgggtcggag	ccctcgcgat	840
gggtatgatc	ttcttctgtt	ctcccattgt	gagtatatcc	actgaccgtt	tgggctgccg	900
aatcacagca	accgcggggg	ctgccgttgc	tttcattggc	ctccatacca	gctccttcac	960
cagctcccta	agcctgcgct	acttcaccta	cgggattctc	tttggttgtg	gctgttcctt	1020
cgcccttcag	ccatccctcg	tcatcctggg	ccactacttt	caacgcgcgc	tgggtctggc	1080
caatggtgtg	gtgtctgtct	ggagtagcat	tttctccatg	tccttcccct	tcctcatcag	1140
aatgctgggg	gataagatca	agctggccca	aaccttccag	gtgctgagta	ccttcatggt	1200
tgttcttatg	ctgctttcac	tcacctaccg	gccccctctg	cccagctccc	aggacacccc	1260
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caacatgcga	gtgttccgcc	aacgcactta	ccgcatctgg	gccttcggaa	ttgctgctgc	1380
tgcccttggc	tactttgttc	cctatgtaca	cctgatgaag	tatgtggagg	aggagttctc	1440
agaaatcaag	gagacctggg	tgctcttggg	gtgtattggg	gctacctcag	gccttggggc	1500
tcttgtgtca	ggccacatca	gtgactccat	ccctggactt	aagaagatct	acttgacagt	1560
cctttccttc	ctgctcctgg	gcctgatgtc	catgatgatt	cccctgtgcc	gggacttcgg	1620
gggccttata	gtogtctgtc	ttttcctggg	cctttgcgat	ggcttcttca	tcaccatcat	1680
ggccccatt	gcatttgagc	tggtggggcc	aatgcaggcc	tcacaggcca	ttggctacct	1740
cctgggcatg	atggccctgc	caatgattgc	tggggccccc	attgcaggcc	tactccgcaa	1800
ctgttttggg	gactaccatg	tggccttcta	ctttgccggg	gtgcccccca	tcacgggggc	1860
tgtaatcctc	ttcttcgtcc	ctctgatgca	tcaaaggatg	ttcaagaaag	agcagagaga	1920
ttccagcaag	gataagatgt	tggcccctga	cccagacccc	aatggggagc	tactgccggg	1980
ctcccccaac	cctgaggaac	caatctaatt	cctttcttgc	cattgtgtgc	cctttcccag	2040
ctcttcccct	tcaccccacc	ctgctcagca	tttacatttt	tgccaccagc	acacttggtc	2100
ccagacctgc	gcacacagca	tttcagccac	ctgacaattc	ccttgagatc	aaagctccag	2160
gtgttccaaa	ctcatctaact	aaattctccc	cagaatgctt	ttaaattttc	cagggccttt	2220
ctcctcccag	gatctgggaa	agcttgggaa	ccacccctgg	cctttggaac	ctctccatat	2280
acttttctaag	ctctggggga	ggaggaggat	gggacctcct	ggacccagct	tgtagtcac	2340
ccactataat	caactgccaa	aggtgctact	gtgtccccag	gagcctaata	gggtaggccc	2400
aaatctctgt	ttgctgagga	ggtcattgcc	atccatattt	gggagccact	gggtagatgg	2460
ggcagggagg	caaatgaga	caagtagcct	tggtagtctc	tagagtgtgt	gatgactgtg	2520
gcttcccaag	aactgggtac	aagcagtgcc	cttattgtat	ggttggttaa	cagtctgtct	2580
ccctcttccc	ttccttcttt	ttttcctcta	ctgacttctc	tccatactct	ttcccctcta	2640
tttctttgta	tgactgtcat	agacacatgg	gtgcttgaag	aaaggaggga	cccggaactt	2700
gggccaatca	gcctcacctt	gtcccagtc	actcctaaca	ctagcatcag	tcccactcat	2760
ctcaggctga	gccacatctc	actttttcgc	tcaagctata	taatcctaga	ctggaagagt	2820
agaatatcat	atagggaaga	aaccttaaac	accacagtgt	tccatgttcc	agtcactgat	2880
ttttacaaat	cttacagtcc	aaggcattaa	cctcaaggcc	ctcccagcac	cccattcttg	2940
tatacacatg	gcaaaatgtg	aagaaactcc	tttcatctca	gcaggtagag	gaggactgat	3000

gacacgagct	gccatggcgg	gaggaggggc	agtagttatt	gatatggtga	gccccatctc	3060
tcagttttta	tgacaggtct	atattttctac	ctgggccagg	ccaggaaaga	gactatttta	3120
gaaaaaaaaa	atcaattcct	agcctggatc	ccaaaaaggt	acaggcagca	gttgcacata	3180
gggttgga	atttcttttg	ggaaggggaa	gccatcccag	cctttaccac	ccaatgtgtc	3240
tcccatgctg	ggcatcctag	gccactttgc	ttagagggca	ttaaaggtgc	catgaaaggt	3300
agactctgaa	ccactttgat	ccctctgaag	taggtgactg	atgcctcctt	atgcccaggc	3360
tctggcaaca	gtcttactga	agaacattcc	cagtgccctt	ggctaggggc	agagggcact	3420
gccaggctgt	gttcagttag	cacagctcac	ctcattagga	gctcagcctc	tctcctcact	3480
ctgcctcttt	gtgtctcttt	ttctcctctc	tgagcctttg	tctatttgtt	tctgtcacc	3540
caccctttta	tcattctttt	gccaggcatt	cctggctgtc	acttggagcc	aacagtaact	3600
tgccacctta	aggcagggtc	atccccgggc	caggaggatg	aggttgtcct	gaggggctcc	3660
aaagaagaca	atagttccca	ctcatgattt	tccgttacaa	acaggcagct	ggggcatggt	3720
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gcctagaaa	gggcctagtt	actatcctgt	cagttctaac	agtagtgga	caggagaatc	3900
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cccctgcttc	catttctccc	cacctcactc	tcaccaagtc	accagagggt	ggttctgtag	4020
gacctctttt	gttgcttaag	atgcagatgg	ctcttaagaa	tcaggcagtc	gccacttct	4080
ctccagatga	agggaagaca	ttcatagggt	ccaaatctgc	ccattcagat	gtcacataat	4140
atggtgggat	atcaattttac	ttcttccaca	catgtgggtg	tgacatgtg	agcttgtgtg	4200
cttttgga	gaatgttgat	tggaaaaagc	agcacagtat	taatatttag	agtaggatgc	4260
agcctcttat	gcaccacagt	taaatctaga	acgaacaaa	tttcagagct	caagacatgg	4320
gacatttaaa	tcttcaagg	gtttggaaca	aaataaacag	atctaaaaat	ttggtttggg	4380
tatgtatggt	gcctacaagg	aagaaatagt	cttaacctga	ttaatagcag	aaagtttgac	4440
ttcagagctg	aagtctcctt	tcaaatcaaa	tttctgccag	gttctatgct	ctctgtgaga	4500
gcagacatta	naaaaagagc	tatatagggg	tttggaagt	gttgactatt	tgagattg	4558

```
<210> 8010
<211> 1376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (571)...(810)
<223> similar to gil620100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8010						
cggacgcgtg	ggaagcaagt	tctccttgaa	aacagcctgc	attgagcccc	caaaagtaag		60
cctgtcctag	agcccctgac	acccccactt	gggtctcctc	gacctcgaga	tgctagaagt		120
tttacccttg	ggcgaaggaa	cacagctcca	tctcctgggc	cctctgtgat	tcgccgaggc		180
cgcaggcagt	ctgagccggt	gaaggaccct	tatgtcatgt	tcccacagaa	cgctaagcct		240
ggattcaagc	acgctggcag	cgaaggggaa	ctctaccctc	cagaatctca	gccaccagtt		300
tcaggctctg	caccccctga	ggacctggag	gatgctggac	ccccaacact	ggacccctct		360
gggacctcaa	tcactgaaga	aatcctggaa	ctgctgaatc	agcgaggcct	tcgagatcca		420
gggccgtcca	ccctgacat	tcccaagttc	cccgagactc	cccagggtgc	tggcgacagc		480
gaaaccctca	cattccaagc	cctgccagc	cgggactctt	cagaaggagg	ggaggaggaa		540
gaggaagggc	tggagatgga	tgaacggggg	ccttccccac	tccacgtcct	ggaagggtctc		600
gaaagttcca	ttgcagctga	aatgccagc	attccctgcc	ttaccaaagt	tcctgacgtg		660

cccaaccttc	ctgaaattcc	cagccgctgt	gaaattcccg	aaggttctcg	ccttcctagt	720
ctctctgaca	tttccgatgt	ttttgagatg	ccctgccttc	cagccatacc	tagtgtcccc	780
aacacccccca	gtctgtctag	cactcccacc	ctctcctgtg	actcctggct	ccaagggcct	840
ctgcaggaac	cagctgaggc	tccagccacc	aggagagaac	tgttttctgg	gagcaatcct	900
gggaaactgg	gagagccgcc	ttcaggaggc	aaggcagggc	cagaggagga	tgaagaaggg	960
gtatcattca	cagacttcca	gccccaggat	gtcacccaac	atcagggatt	cccagatgag	1020
ctggcattcc	gctcttgctc	agaaatccgg	agcgcctggc	aggcattgga	acagggacag	1080
ctggcccggc	caggcttccc	agagccactg	ctgatcctgg	aggattcgga	tctgggtgga	1140
gacagcggga	gcgggaaggc	aggagccccg	agttcagaaa	ggacggcgtc	ccgagtgcga	1200
gagctggccc	ggcttttacg	cgagcggatc	cagcagatgc	agcgggcgga	gactcgggca	1260
tcagccaatg	ccccgcgcgc	ccggcctcgg	gttctggccc	aaccccagcc	atccccctgt	1320
ctgccccagg	agcaggcaga	gccaggggctt	ctgcctgcct	tggacacgtg	ctgggtt	1376

<210> 8011  
 <211> 2586  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (156)...(2451)  
 <223> similar to gi509241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8011						
tttcgtccct	tctactctgg	gcggttagaa	agtcgttagt	cgttcacctc	tcagccttcc	60
tgagtgggaa	ctggtatgtc	ttccaaaggg	tgaggtggct	ttgaccccgg	gttgcccggc	120
cagcacgacc	gaggaggtgg	ctggacagct	ggaggatgaa	cggagaagcc	gactgccccca	180
cagacctgga	aatggccgcc	cccaaaggcc	aagaccgttg	gtcccaggaa	gacatgtctga	240
ctttgctgga	atgcatgaag	aacaaccttc	catccaatga	cagctccaag	ttcaaaacca	300
ccgaatcaca	catggactgg	gaaaaagtag	catttaaaga	cttttctgga	gacatgtgca	360
agctcaaagt	ggtggagatt	tctaattgag	tgagggaagt	ccgtacattg	acagaattga	420
tctctgatgc	tcaggaacat	gttaaaaatc	cttaciaaagg	caaaaaactc	aagaaacacc	480
cagacttccc	aaagaagccc	ctgacccctt	atttccgctt	cttcatggag	aagcgggcca	540
agtatgcgaa	actccaccct	gagatgagca	acctggacct	aaccaagatt	ctgtccaaga	600
aatacaagga	gcttccggag	aagaagaaga	tgaaatatat	tcaggacttc	cagagagaga	660
aacaggagtt	cgagcgaaac	ctggcccgat	tcaggggagga	tcaccccgcg	ctaattccaga	720
atgccaagaa	atcgacatc	ccagagaagc	ccaaaacccc	ccagcagctg	tggtagacccc	780
acgagaagaa	ggtgtatctc	aaagtgcggc	cagatgccac	tacgaaggag	gtgaaggact	840
ccctggggaa	gcagtgggtc	cagctctcgg	acaaaaagag	gctgaaatgg	attcataagg	900
ccctggagca	gcggaaggag	tacgaggaga	tcatgagaga	ctatatccag	aagcaccacg	960
agctgaacat	cagtgaggag	ggtatcacca	agtccaccct	caccaaggcc	gaacgccagc	1020
tcaaggacaa	gtttgacggg	cgacccacca	agccacctcc	gaacagctac	tcgctgtact	1080
gcgcagagct	catggccaac	atgaaggacg	tgcccagcac	agagcgcgat	gtgctgtgca	1140
gccagcagtg	gaagctgctg	tcccagaagg	agaaggacgc	ctatcacaag	aagtgtgatc	1200
agaaaaagaa	agattacgag	gtggagctgc	tccgtttcct	cgagagcctg	cctgaggagg	1260
agcagcagcg	ggtcttgggg	gaagagaaga	tgctgaacat	caacaagaag	caggccacca	1320
gccccgcctc	caagaagcca	gcccaggaag	ggggcaaggg	cggctccgag	aagcccaagc	1380
ggcccgtgtc	ggccatgttc	atcttctcgg	aggagaaacg	gcggcagctg	caggaggagc	1440
ggcctgagct	ctccgagagc	gagctgaccc	gacctgctggc	ccgaatgtgg	aacgacctgt	1500

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ctgagaagaa gaaggccaag tacaaggccc gagaggcggc gctcaaggct cagtcggaga 1560
ggaagcccgg cggggagcgc gaggaacggg gcaagctgcc cgagtccccc aaaagagctg 1620
aggagatctg gcaacagagc gttatcggcg actacctggc ccgcttcaag aatgaccggg 1680
tgaaggcctt gaaagccatg gaaatgacct ggaataacat ggaaaagaag gagaaactga 1740
tgtggattaa gaaggcagcc gaagacccaaa agcgatatga gagagagctg agtgagatgc 1800
gggcacctcc agctgctaca aattcttcca agaagatgaa attccaggga gaacccaaga 1860
agcctcccat gaacggttac cagaagttct cccaggagct gctgtccaat ggggagctga 1920
accacctgcc gctgaaggag cgcattggtg agatcggcag tcgctggcag cgcattctccc 1980
agagccagaa ggagcactac aaaaagctgg ccgaggagca gcaaaagcag tacaagggtgc 2040
acctggacct ctgggttaag agcctgtctc cccaggaccg tgcagcatat aaagagtaca 2100
tctccaataa acgtaagagc atgaccaagc tgcgaggccc aaaccccaaa tccagccgga 2160
ctactctgca gtccaagtcg gagtccgagg aggatgatga agaggatgag gatgacgagg 2220
acgaggatga agaagaggaa gatgatgaga atggggactc ctctgaagat ggcggcgact 2280
cctctgagtc cagcagcgag gacgagagcg aggatgggga tgagaatgaa gaggatgacg 2340
aggacgaaga cgacgacgag gatgacgatg aggatgaaga taatgagtcc gagggcagca 2400
gctccagctc ctctctctca ggggactcct cagactctga ctccaactga ggctcagccc 2460
caccacaggg cagccaggga gagcccagga gctccccctc ccaactgacc acctttgttt 2520
ctcccccatg ttctgtccct tgccccctg gcctccccca ctttctttct ttcttttaaa 2580
aaaaaa 2586

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<210> 8012
<211> 4239
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (314)...(2036)
<223> similar to gi3882171 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8012
ctcagggagg gcaggagagc ctgaggagtg gcggggccgc cagataatag attctaagga 60
gacatggatt cctttcaact ctgaggattc acagcagctg gaagaggcat atagctctgg 120
aaaagggttg aatgggagag ttgttcctac tgatgggggc agatatgatg ttcatttggg 180
ggagaggatg cggtatgctg tatactggga tgaactggca tcggaagtga gacgatgtac 240
gtggttttac aaggggggaca aagacaataa gtatgttccc tactcggaga gcttcagcca 300
agtttttagag gaaacttaca tgcttgctgt aactttggat gaatggaaaa agaaactgga 360
atctcccaac agagaaatta ttattttaca caatccaaag cttatggtgc attaccagcc 420
agttgcaggg tctgatgatt ggggttcaac acccatggag cagggtcgac caagaactgt 480
gaagagagga gttgagaaca tctctgttga cattcattgt ggagaacctt tacaatatga 540
tcacttggtt tttgtagtcc atgggattgg accagcttgt gatctccgct ttcgaagcat 600
tgtacagtgt gttaatgatt ttcgcagtgt ttccttgaac ttgctacaga cacattttaa 660
gaaagcccaa gaaaatcagc agattgggag ggtagaatth cttccagtca actggcacag 720
tcctttgcat tctactggtg tggatgtaga tctgcagcga ataaccctgc ccagcattaa 780
ccgcctcagg cacttcacca atgacacaat tctggatgtc ttcttctaca atagtccac 840
ctactgtcag actattgttg acacagttgc ttctgaaatg aaccgaatat acacactttt 900
tctacagagg aaccctgatt tcaaaagggg tgtatccatt gctggtcata gtttaggttc 960
gcttatattg tttgatatcc taacaaatca gaaagattct ttgggggata ttgacagtga 1020
aaaggattcg ctaaattattg taatggatca aggagatata cctacactag aggaagattt 1080

```

gaagaaactt	cagctctctg	aattcctttga	tatcctttgag	aaggagaaaag	tagataagga	1140
agctctggct	ttatgtacag	accgagatct	tcaggaaata	ggaattcctt	taggaccaag	1200
aaagaagata	ttaaactatt	tcagcaccag	aaaaaactca	atgggtatta	agagaccagc	1260
cccgcagcct	gcttcagggg	caaacatccc	caaagaatct	gagttctgca	gtagcagtaa	1320
tactagaaat	ggtgactatc	tggatgtttg	cattgggcag	gtgtctgtga	aatacccccg	1380
gctcatctat	aaaccagaga	tattcctttg	ctttggatct	cccattggaa	tggtccttac	1440
tgtccgagga	ctaaaaagaa	ttgatcccaa	ctacagattt	ccaacgtgca	aagggtttctt	1500
caatatattt	cacccttttg	atcctgtggc	ctataggatt	gaaccaatgg	tggtcccagg	1560
agtggaattt	gagccaatgc	tgatcccaca	tcataaaggc	aggaagcgga	tgcaacttaga	1620
actgagagag	ggcttgacca	ggatgagtat	ggaccttaag	aacaacttgc	taggttcgct	1680
gcggatggcc	tggaagtctt	ttaccagagc	tccataccct	gccttacaag	cttcagaaac	1740
accagaagaa	actgaagcag	aacctgaatc	aacttcagag	aagcctagt	atgttaacac	1800
agaagagacc	tctgtggcag	ttaaagaaga	agtcctgcct	atcaatgtgg	ggatgctgaa	1860
tgagggccaa	cgcatgtact	atgtgctaca	ggagaagcct	attgaaagtt	ttaatgagta	1920
tttatttgc	ttacaaagcc	atctatgcta	ctgggagtct	gaagatacag	tattgctcgt	1980
cctcaaagag	atctaccaa	cccagggtat	cttccttgat	cagcctttac	agtaaaaatg	2040
acccatctat	ggctgcttaa	tacggacatt	gagggatcct	tccccagaaa	atccacctgt	2100
ttgttgctgc	aattttcctc	tcctcagctg	cgtcatttcc	tgcatgttgc	ctgccactta	2160
ctcaccactg	gggtctttgg	aagataatct	tcctctttgg	aaatgaatgg	aaaagcaaaa	2220
ggccctatta	cttttaacca	ctggcttcac	ataaacactt	gccatttttt	tctgcatagc	2280
tggggggtgg	ttgtgtcttt	aattcctttga	tgatagttta	tagttgccac	actttattga	2340
ttagtacttg	acagggtgta	aagcctatatt	tgggtttgat	ttgttttggg	tggggtagac	2400
atgtttttta	ggaacttatt	gcttatcttt	agaaaatgtt	ctagtttgga	aacagattct	2460
tgagattcag	aaggcatatt	ggagtacact	tatctcttgt	ttgtgttgaa	ctgaaggcta	2520
agtctcagtg	gacatggaaa	agacttttgg	gtgatattat	tttgaacctg	catttctttc	2580
ttatgtgtag	ggtatgaaga	aagactagaa	tgtagcttta	aaaaagtgtt	gtttactctc	2640
ttagaactga	cagacttatt	gccagaaatc	actgatgttc	attgtttttg	caactgtttg	2700
agctgctgta	agagtctaaa	gttgacaagt	tagttcatgt	taggtgcatc	tttataaagc	2760
aaagatgttg	tatatcctag	gcctcccttt	tatatattgat	agaagttatt	tgctaatagc	2820
ttctattctt	acgttgaaaa	tagttgtaaa	agctgatgaa	cctgaaattg	tgtagcctct	2880
acaggctgct	gagggttctaa	ataaaacctt	ttagtggtgc	ctttatgggtg	aaacagaatt	2940
tgtcacctgc	catttctact	tgagctaagg	tagtattgtg	tatcctcttt	ccttcttagg	3000
tatccataat	ccacaaagca	tattttaaag	gctcttgcca	cgggcagcat	tggttgagca	3060
ggtaggtttg	gctaggggga	aatgtttaac	ttgttctgaa	agaaaaactt	atgtctgtag	3120
ggtccaagaa	acagctattc	cagagtcagt	gtcagctgag	tctggaacat	atgaagtgag	3180
gtttacttct	aagaacacaa	gtgactgcac	actaattttg	tcaaggcatc	tttccactac	3240
tttgctgtag	atttttcttc	ttcattgggtc	agtttgtcat	tgtctttgta	gttctcttta	3300
tgataatcct	ttatacttgc	tctcagattc	cacaggcctc	tgtttataga	gtggc aaaagg	3360
caggcgagct	gtgggtttatt	gtttataaat	ttttttataa	atgttatggg	attcaaagcc	3420
actgacattt	aataatttact	gaagccattc	ccttagacagc	agtgggtctt	atccctttct	3480
ggaaagaaaa	ggaaaatgaa	gggtaattac	tgtcaccatg	gagattgtag	aggtaagggt	3540
ggggatatag	tcaggcctgg	cctttctttg	tcactctgct	atagtctagt	gctaagtatg	3600
ccactaagtt	tcagatatat	ggaatacttt	atttttttaa	aggatatata	actctgagtt	3660
attgagaatt	aagtattcac	tgatatattaa	ggggaagcct	ttgccaaagt	gtgggtcttca	3720
aatttatgtt	tactcttcct	attggcgagaa	taggtgctat	ttaagagtaa	accaaaggat	3780
aagcagaggg	agtccttata	accaaagatg	gacagcatag	ccctggatag	ccagataaac	3840
cactctttgt	attaagaaat	gtttctttcc	tagtggtgag	gggtgggtaa	ctgtgaaaga	3900
gctttatata	ttgtctattc	atgggtattat	agctgtatat	tcccaggatg	ataagcttga	3960
ttgaaatcct	gtatttagtc	atatattatt	tgcgctgctt	catttgtatc	atgtgcaatc	4020
tctagaccaa	ccctattttt	aaactctggg	acagcatcat	tttgtacata	ttcccagctg	4080
cagaactagt	atcacttatc	tcagcaaaaag	agattgtttg	catggaaaga	ttaatagcac	4140
tgattagatt	tctaataattt	tgcatttttg	aaatgtttgt	tttctacgtg	attataattta	4200
aaacttttagt	aaataactaac	atgaaaccat	aaaaaaaaa			4239



<210> 8013  
 <211> 2285  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (305)...(1372)  
 <223> similar to gi4336774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8013

agcaacgctc	ccaacttata	gactcgccct	cctcctcccc	agagcgagag	aggggcgggc	60
tgagcccgga	tccgggggtg	actcgagcgt	tcccagcgct	cggcattcac	cccgcctcag	120
agccgacttt	cgaaggggga	ttgagcctcg	gaggaccagg	cgtcttactc	caaagctcag	180
ggcggccccc	gtcttttctt	tccacacccc	tgtgcccgtc	ggatgctggc	cgggtgagcg	240
gccgggccga	ggattccgga	gcccggggcc	gcgtcgcccc	gtcgggtact	gagctgaacg	300
caccatggcc	ggctgctgct	gcctgtccgc	ggaggagaag	gagtcgcagc	gcatcagcgc	360
ggagatcgag	cgacagcttc	gtcgggacaa	gaaggacgcg	cgccgtgagc	ttaagctgct	420
gctgctggga	actggtgaaa	gtgggaaaag	cacctttatc	aagcagatga	gaattatcca	480
tgggtctggt	tacagcgacg	aagacagaaa	ggggttcacg	aagctggttt	acaaaaacat	540
attcacggcc	atgcaagcca	tgatcagagc	gatggacacg	ctaaggatac	agtatgtgtg	600
tgaacagaat	aaggaaaatg	cccagataat	cagagaagtg	gaagtggaca	aggtctccat	660
gctctccagg	gagcaggtgg	aggccatcaa	gcagctctgg	caagatccag	gcatccagga	720
gtgttacgac	aggaggaggg	agtaccagct	gtcggactct	gccaaatatt	acctgactga	780
cattgaccgc	atcgccacac	catcattcgt	gcctacccaa	caagatgtgc	ttcgcgtccg	840
agtgccacc	accggcatca	ttgagtatcc	atttgacttg	gaaaacatca	tctttcggat	900
ggtggatggt	ggtggccaac	gatcggaag	acggaagtgg	attcactgct	ttgagagtgt	960
cacctccatt	attttcttgg	ttgctctgag	tgaatatgac	caggctcctgg	ctgagtgtga	1020
caacgagaat	cgcatggaag	agagcaaagc	cttattttaa	accatcatca	cctacccttg	1080
gtttctgaat	tcgtctgtga	ttttattcct	gaacaagaag	gatcttttgg	aagagaaaat	1140
catgtactct	catctaatta	gctatttccc	agaatacaca	ggaccgaaac	aggatgtcag	1200
agctgccaga	gacttttatcc	tgaagcttta	ccaagatcag	aatcctgaca	aagagaaagt	1260
catctactct	cacttcacat	gtgctacaga	tacagacaat	attcgctttg	tgtttgctgc	1320
tgtcaaagac	acaattctac	agctaaacct	aagggaattc	aaccttgtct	aaaagctgct	1380
gcccactcct	cccctataac	agaagatgtg	atttgcaaac	tccttgtttt	atttgcaagt	1440
gcttctgaca	tcaccagagc	cagcccatg	ccaggaaacta	aggatgtcat	gtagatcgtg	1500
gggacagaga	tgggtgatgg	aacttggaag	atatttgagt	ttaccaacat	actttaaaag	1560
tccttacatc	ccaaattgtg	tttataatta	ttttcttgac	ttttggctat	aagattttgt	1620
gtaatttttg	aatttggtgt	tttctagaat	ttttaaaagc	cactttgatt	tagttttaaa	1680
tatgtttaaa	aatagcgatt	aaaattatgt	aagcaaggag	cctgttagtt	tatagatcat	1740
gccttcaaac	ctctagagtt	aatttggggtg	acttttttaa	aaataagaat	gttaatgggt	1800
ttgaagcttt	ttattaaacc	ttgtaattta	gagacatttt	taattgtgtt	tctcacctca	1860
tgctgaaggg	tgactccttt	aacatgccac	caaagatttt	ttttaaacac	ttggttcttt	1920
ttgtgtgtta	actttctaag	ccaaattaat	ggatatataa	gtatatctaa	tttagctttg	1980
ccacagtttg	atcaccaaga	agccaaagct	gacatagagt	aaatgggctc	tagatagcat	2040
atatgtttta	ttggtgaaaa	atgtgtgtgt	gtgcgcgtgt	gtgtgtgtgt	acatttttac	2100
ccccaatgta	tatgaccaga	tcttaaaaaa	gtatgaaatg	gctagaagtc	cacattgttt	2160
gacaaatggt	acgtaaccct	gccaaagtcc	tgatggccac	cacagatttg	ctgtttgaat	2220
tatgtatgct	gtgcctttct	gaggaggcta	agaatatacc	attcagatat	taaaaaaaaa	2280
aaaaa						2285

<210> 8014  
 <211> 924  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (264)...(771)  
 <223> similar to gi5912150 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8014  
 agtcagaaga acttgataga gagaagaaat taaaagagga tagtccgagg aaaactccta 60  
 ataaagagag tgggtgtgcc agccttcctg ttcggttaac aagcattaaa gaggagccca 120  
 aagaggccaa gcatcctgat tctcaatcaa tggaggagag caagctgaaa aatgatgatc 180  
 gaaagactcc tgtgaactgg aaggactcta ggggaacaag agtggctgtc tcctcaccga 240  
 tgagtcagca tcagtcatac atacagtact tgcattgcta tccttaccga cagatgtacg 300  
 accccagcca tcctgcatac cgggctgttt ctcccgctct aatgcacagt ttcctggggg 360  
 catatctctc tccaggattt cattatcctg tttatgggaa gatgtcaggg agagaagaga 420  
 cagagaaagt caataccagc cctagcgtca acacgaaaac aaccactgaa tctaaagcac 480  
 tggatttgct ccagcagcat gctaaccaat accgcagcaa gtctcctgct cctgtggaaa 540  
 aggctacagc tgagcgggaa cgggaggcag aaaggggaaag ggatcgccac tcccccttcg 600  
 gccagcggca cctgcacacg caccaccaca cccacgttgg catgggttac ccgctaattc 660  
 cgggtcaata tgacctttt caaggcttga cctctgctgc ccttggttgc tctcagcagg 720  
 tggctgcccc ggcattctgca tctggaatgt ttcctggaca aagaagagaa taacaagatt 780  
 ggacatgtac attgtcatgt gactggatca catggggaag cgctttatac agacatcagt 840  
 tccatggtgt taatttgaaa tgccttaatg gcaggcaaaa accagtcatt tcatttttgt 900  
 aaattacaga ttttatcaca ggag 924

<210> 8015  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(809)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (194)...(348)  
 <223> similar to gi3757719 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters





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gggcattttc atggcaagta cccctctgcc ccactccag cagtgttcc caaagtgtgc 1560
tctgtcacct gctttgcaat cggcttccat tagcgcagt tttattttgg tgtgacggtt 1620
ggccctccta aacacggact ttctcaggc tgggtcaaga cggaaaagga ctttcttctg 1680
ttttcttcca aagtgcaacc acagtggaga gcccacggtg ggcttagcct gcctaggccc 1740
ttccattttct cttctttgac cgtgctagga attccaggaa agtgacattcc tgccttggtg 1800
accttttctt atgtctaggc tctccacag gtgctgctat tttgtgagct cgggctcctg 1860
tttagctttt atttcagttc taacctcagt ccagaaacat atgtgaggtt gtttccctct 1920
tcagccacgg ctacaatacc ggaaaatgct agtttttatt tattttttta agtagtgctt 1980
cctaaatggt ttgcatgaga gccacctggg gtacatgttg aaaacttatt tggggtctac 2040
cccaaacctt ataaccctaa tttggggatg gggcccagga atatgcattt ttaaaaagtc 2100
atctgccctt cccaggtgat tctgtaagtt gtccctcaac tgtacttgga gaaatcgtgt 2160
tttaaagcag tagtccacaa agtattctgc tcatgtgccc ccaaaagtat tttgaaaaat 2220
catgtatacc ctaccccatc taagttgata tctaaaaatt tatctaagtt ggtatctaaa 2280
atttttcatg ggaagttaaa tagttgacaa agtatgtatt tgctgggtgtc gtgtaaatat 2340
tggtatttta aaataaaacc tgttacatca ctattttaaa catatccagt acaattttaaa 2400
tatcacaaca atttgacacc cttcattcat ttataaaaaat aaatgagcta gttctttagt 2460
agttaaacad ttcaaattgg 2480

```

```

<210> 8018
<211> 1925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (880)...(1605)
<223> similar to gi3983573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8018
tttttagctt gaaacaataa atttattccc atagttctgg aggccaggaa gtccaatatc 60
agttttatcg gtatctgtag ggccatgctc ctgctggaag aggtctctgg gaagaatctg 120
ttctttgcct cctccagctt ctggtggctg tcagcattcc tttgctgcgg ctccatcact 180
ccaatctctg cctctgtggt cactgtgctt tctcctcttc tgtgtggtaa tatctccctt 240
tgcttctgaa gttcagagtg ttctttcagg agttgatcat attctttcga aagtctctct 300
gactgcatct tcattttccat cacatcattt tgtgccttag aaagggcatc tgaagtcttc 360
cttaattcag ttttcagttt ctccctggtct tctactagtt ttttattttc tgcttccaaa 420
acacattctt catctttacc atggcttttc aaaatccatt ttagtttttc gttttcttcc 480
ataaattttt tggcagcctt gttagtattt tctgcttgag ttttaagtac acctttgttt 540
gacagttctt ttgccagttg agtaataagc gtaaccagac gtctcaaaac tagccaaaaa 600
aatagggaaa atccagaaat gtaaagattt ctttgagacc taaaaagttt catctgtgtg 660
tgttcatagg catcaggtct gctggtggag ctcttctcaa tgggtatgaac tgaggaatat 720
ttccttactt ctctcacagc atctagaaat agaacaatca ataggatgat aatggtaagg 780
aaagccttgt tccaaaaagt tgcaatttta ccccagacat taaatgaaaa aatcttctgc 840
catctctgag gaggaataaa aggtaggcag aagaaaaaaa tgacactcca atgggctgca 900
gtggcaacct ttctttatgc cgaaatagga ctcattttaa tcttctgcct accttttatt 960
cctcctcaga gatggcagaa gattttttca tttaatgtct ggggtaaaaa tgcaactttt 1020
tggaacaagg ctttctttac cattatcatc ctattgattg ttctattttc agatgctgtg 1080
agagaagtaa ggaaatattc ctcagttcat accattgaga agagctccac cagcagacct 1140
gatgcctatg aacacacaca gatgaaactt tttaggtctc aaagaaatct ttacattttc 1200

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```

ggattttccc tatttttttg gctagttttg agacgtctgg ttacgcttat tactcaactg 1260
gcaaaaagaac tgtcaaacaa aggtgtactt aaaactcaag cagaaaatac taacaaggct 1320
gccaaaaaat ttatggaaga aaacgaaaaa ctaaaaagga ttttgaaaag ccatggtaaa 1380
gatgaagaat gtgtttttgga agcagaaaaa aaaaaactag tagaagacca ggagaaactg 1440
aaaactgaat taaggaagac ttcagatgcc ctttctaagg cacaaaatga tgtgatggaa 1500
atgaagatgc agtcagagag actttcgaag gaatatgatc aactcctgaa agaacactct 1560
gaacttcagg atcgtttaga aagaggcaac aagaaaagac tgtgaacttt ataaaagaca 1620
cttgcaatat actgtgtcaa aatgataatt ttgttatgtt agcctctaga aaattttaagt 1680
tcagaaaaat gcactatgac cggttcgtaa tttttttaat gccacacata ggttgtattg 1740
taatggcatt atcaaaatat ttgatgatgt ttcagatata ttgcaaagtc tgtattccag 1800
ctcttaagaa aaatataagc atgttaaata ccatatttac atattgataa tgtcattggg 1860
atatggtggc tgtttaccaa taaaaggaaa aaattcatta accggttgct tccaaaatta 1920
gatgt
1925

```

```

<210> 8019
<211> 1135
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1081)...(831)
<223> similar to gi4008447 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8019
ctttcccccc cgcggttttt aaaaccccgcc ccccggaatt taattttggg gccccataaa 60
aaaaatttta ccttcccccc ccccgggcct taaacttggg cccctaaaaa gggccccctt 120
tttttttttt tttgtgcgct ggctgcttta ttaagggct tgtgattgac agctgtcccc 180
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<210> 8020  
 <211> 5421  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (691)...(2572)  
 <223> similar to gi3882155 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8020

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<210> 8021  
 <211> 1205  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (75)...(557)

<223> similar to gi2760606 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8021

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tgataatcca	ggccaaaggt	ttagttgttg	ttatttcctc	tgtattattt	tcttcattac	1140
aaaagaaatg	caagttcatt	gtaacaatcc	aaacaatacc	tcacgatata	aaaaaaaaagt	1200
cgacg						1205

<210> 8022

<211> 2116

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2117)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (678)...(1333)

<223> similar to gil293835 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tggccgagcc tggcctgggc cgcgtccatc acctggcact caaggatgat gtgaggcata 180
aagttcatct gaacaccttt ggcttcttca aggatgggta catggtggtg aatgtcagta 240
gcctctcact gaatgagcct gaagacaagg atgtgactat tggatttagc ctagaccgta 300
caaagaatga tggcttttct tcttacctgg atgaagatgt gaattactgt attttaaaga 360
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aatccttttc tgttcataat aatggtgggg cagtgtcatt tcagttttct tttacatca 660
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ttttgctaata aaaaaa 2116

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```

<210> 8023
<211> 2253
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(2254)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (150)...(1257)
<223> similar to gi5360269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gccccggccc	cgccaacgct	gccgccggga	tgtccagac	cttgtagat	tacttctggt	180
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attgagggta	ggaggagggt	gcacataacc	cttacccctac	ctctgccaaa	aagtgggggc	1860
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cgacaggtct	aagatctgac	tgcctccttt	ctctggcctc	ttcccccttc	cctcttctct	1980
tcagctaggc	tagctggttt	ggagtagaat	ggcaactaat	tctaattttt	atttattaaa	2040
tatttggggt	tttggtttta	aagccagaat	tacggttagc	acctagcatt	tcagcagagg	2100
gaccatttta	gaccaaaatg	tactgtttaat	gggttttttt	ttaaaattaa	aagattaaat	2160
aaaaaatatt	aaataaaaaca	tggcaataag	tgtcagacta	ttaggaattg	agaagggggg	2220
tcaactaaat	aaacgaagag	agtctttctt	aaa			2253

```
<210> 8024
<211> 1617
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1555)...(1146)
<223> similar to gi3805938 in the genepept database release 114.
```

Run with FASTXY 3.3t00, default parameters

<400> 8024

atttgaaaga	tggatgaatc	ttgggtagaa	gtgtgcagag	ggaagcagtg	tgagcagagt	60
gggaaagtgt	gaggagagcc	gtgaggagt	tgggtgttgt	ggagagggga	ggaagacatc	120
ttgtggggaa	ggtcgggcgg	gttagagcat	agacttcctc	cagaggccag	gagaccatcg	180
gaggccagga	gacatcggc	gagtgtggca	gggaaagggc	ctgttgaact	gactttccca	240
cttgcccttt	cgttgagaag	gagagtaaag	gccacgcctg	tcccatggct	gtttttaagt	300
ctcgagtgtg	gagattgttg	gtcgtggagg	gaggggtgtt	gcctctgcct	gaatccctgg	360
gggtctcactg	tattcacttt	tttctctcct	ttcagaatat	tcccaaaagc	actgagatac	420
taaagaaatt	gatgacaaca	aatgagattc	agagtaacat	ttatacatga	tcttaaacad	480
tgtttttag	tgtatattac	ttgtccattc	ctttaagggg	agcagcctgc	actcttttgt	540
agattacttt	tgggggatat	atitttgagaa	tgatgaaacg	gaataaaatt	gtaaaaaact	600
aaaagtaatc	tacaaaaagg	agtgcaggct	gcttccccct	taaagggaat	ggacaagtaa	660
tatacactac	caaaacaatg	tttaagatca	tgtataaatg	ttactctgaa	tctcatttgt	720
tgtcatcaat	ttcttttagta	tctcagtgtc	ttggggaata	ttcttaacca	aacccttcaa	780
gcttctggta	gaaagtatat	gcttaaaagc	ttccactgtg	attaggtcta	atttcatcac	840
atcagtataa	cacaagtaca	gaattgtctg	gattttccat	acttgacagt	agcttagaac	900
tgtctcagga	aggctcgtgt	ctatatccgg	ttgttctagc	aatggacaac	acgccgagtc	960
tttgaaattc	tgtgttttta	gggctctcag	gaaaggagaa	ggaaggctgc	cgggtggattc	1020
tgagggttta	taatcggtaa	catgtcgaca	tgtgagaata	gttatctgca	tgttcttcct	1080
tggaacaagag	ccaaaaacct	tttccagcca	ctgatactgt	tgatcttctg	caacatagca	1140
actgcactga	cagagaaaaa	ccgagggatt	ggatttttaga	tgataaaaaca	cacaaaaagc	1200
ctctgtggag	gacagatgtg	tagtgtctgt	tgttctacac	cattcattcc	agagttagc	1260
acaaccaact	tcctcccaga	ctcctgaatt	cataacaaat	gatgacagaa	atgctactgc	1320
attatttctc	atagcaatta	taaacttgga	gcacggatat	ttttctagca	aagaaacttc	1380
caaagatgtt	tttgtttgtc	ttcgaaggag	ccgcacttcc	ctcttccgcg	ccagctgcag	1440
acgcacctcc	ctgtctcggg	gcgtctccct	ccgccccctc	tcctcctcct	cttcgtcctc	1500
agtcccagct	cggcacggcg	ccttcaccac	ctctccgaag	aacgtggccg	ccatagccgc	1560
cccgtgaccg	gctggacaca	actgcagcgc	cgcgggaccg	cacgccgctt	gcgcgag	1617

<210> 8025

<211> 1323

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (208)...(589)

<223> similar to gi4200232 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8025

gcagcctccg	ccccctcaac	cttcgcgggg	cgcgggcccgc	agcttttccg	ttcacagcgg	60
gcagggaag	ccgcgggaag	ggtactccag	gcgagaggcg	gacgcgagtc	gtcgtggcag	120
gaaaagtgac	tagctccctc	tcgttgtcag	ccagggacga	gaacacagcc	acgctcccac	180
ccggctgcc	acgatccctc	ggcggcgatg	tcggccgcgc	gtgcccagag	cctgcggggc	240

acctaccacc	ggctcctcga	taaagtggag	ctgatgctgc	ccgagaaatt	gaggccgttg	300
tacaaccatc	cagcaggtcc	cagaacagtt	ttcttctggg	ctccaattat	gaaatggggg	360
ttggtgtgtg	ctggattggc	tgatatggcc	agacctgcag	aaaaacttag	cacagctcaa	420
tctgctgttt	tgatggctac	agggtttatt	tgggtcaagat	actcacttgt	aattattcca	480
aaaaattgga	gtctgtttgc	tgtaaatttc	tttgtggggg	cagcaggagc	ctctcagctt	540
tttcgtattt	ggagatataa	ccaagaacta	aaagctaaag	cacacaaata	aaagagttcc	600
tgatcacctg	aacaatctag	atgtggacaa	aaccattggg	acctagttta	ttatttggtt	660
attgataaag	caaagctaac	tgtgtgttta	gaaggcactg	taactggtag	ctagttcttg	720
attcaataga	aaaatacagc	aaacttttaa	taacagtctc	tctacatgac	ttaaggaact	780
tatctatgga	tattagtaac	atttttctac	catttgtccg	taataaacca	tacttgctcg	840
tatatacccc	ctgcctcctt	ctgttccagt	cagccaacat	atgtacataa	aagaacacac	900
aaattcaaga	agttggaaga	ttaaattatc	tgcttattta	gtgtaggatg	gtcaggtagc	960
tagctataag	tgaaaggaaa	ttttgctgaa	gagactgaga	aatgggtagt	ggaatgacta	1020
tcaagatgac	ctcaactat	ttaaaaacat	tttaacttgc	catgaagaat	cttgatgatt	1080
tttgataaaa	tgttgataaa	aattctttta	cagctacaga	tttttaaata	ggatcattgt	1140
aaagattaat	gagataatgt	tttaacatag	tgcttgggtc	atgataagt	ttaaattttt	1200
caattaccct	cagtaactga	taatgtagca	gaaaatactc	tataattcaga	cagacctgaa	1260
tttgaatccc	agctctatga	cttatctgtt	gtgacttttt	cttttttttt	ttgacacggg	1320
gcc						1323

<210> 8026

<211> 1490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (117)...(665)

<223> similar to gi4927226 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8026

cctggagcca	cacaggggac	cggagcctgg	gggaaaagcg	gcgcgggagc	cggcacccac	60
cgctggaggg	gcggcgacgg	cgcccgtagc	gacctcgggg	ggcaagcggg	gccgccatgg	120
ccgagttccc	gtcgaaagtt	agcacgcgga	ccagcagtc	tgcgcagggc	gccgaagcct	180
cggtgtcggc	gctgcgccg	gacctgggct	tcgctgcgctc	ccgcctcggg	gcgctcatgc	240
tgetgcagct	ggtgctgggg	ctgctgggtg	gggcgctgat	tgcggaacac	ccgtaccacc	300
tgtatccggc	ctatggctgg	gtgatgttcg	tgcgtgtctt	cctctggctg	gtgacaatcg	360
tcctcttcaa	cctctacctg	tttcagctgc	acatgaagtt	gtacatgggt	ccctggccac	420
tggtgttaat	gatctttaac	atcagcgcca	ccgttctcta	catcacccgc	ttcatcgctt	480
gctctgcggc	agttgacctg	acatccctga	ggggcacccg	gccttataac	cagcgcgcg	540
ctgcctcggt	ctttgcgtgt	ttgggtgatga	tgcctatgg	agtgagtgcc	ttcttcagct	600
accaggcctg	gcgaggagta	ggcagcaatg	cggccaccag	tcagatggct	ggcggctatg	660
cctaaaccac	ctgtgccacg	gccccctctg	gggctgaagc	cgccgctggg	tcacagagca	720
gggtcaccc	gcaagcctga	agctggggag	ccctgcggtg	agtcagccca	acagggactg	780
catttgctcc	tctctgccc	tcagacataa	gctctcacag	cgctaaggaa	gcaggcccag	840
gctggcaggc	atctcggtt	gcaggaggcc	aactgctgag	acctcttctc	catccccctt	900
attcagtgga	agatgacggg	ggatctgagg	ctgtgtctct	gccttgtctt	tagaggactt	960
cagcgtccaa	gactggggcc	cacccttctc	accagcacta	aatgcactaa	caaggactcc	1020
agacctgcag	ccccagacct	gccgtagtat	aagcctaaca	agcaacacgt	agcaccttag	1080

tctttgttcc	aggagagctg	agcaagctgg	tgaaccact	ctccttcctt	taaacaccgt	1140
ttcaaccaac	ctctccctgg	agccaacctg	taaaagtgg	gttgattgct	gacagcatgg	1200
tcttccctcc	ctgcatttca	gacataccag	ttactgaaag	caaatacagtt	ttaagtgtatt	1260
tctcagtgtc	gaaaagcctg	tccagggtttc	cttccctttc	ccaagcctct	ctctgtaata	1320
ctcccttttg	gcgaagctaa	catcggtgcc	tccccgacct	tgctgactag	gcacatggga	1380
cgcaaaggag	ggagggaagc	aaggccttgc	ctggcgagtt	gtcatgtggt	tgggtggtgac	1440
tgttttattt	tttttaataa	aaataaagat	gagagaaatt	aaaaaaaaaa		1490

<210> 8027

<211> 2130

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1801)...(250)

<223> similar to gi4490304 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8027

tttttttttt	ttgggctaga	ggtttgggct	ttaatggcag	ctggggtaaa	aggaaacaaa	60
aacagtaatt	ctgaagagca	cagggaacag	gcagccagga	ccagcctggc	ccattccagg	120
ccagctgagc	tgaatgctg	attctgtcca	gggggctgct	gtatgtgtag	actggtggca	180
gtcttgggga	ctgaggcctc	ttggagagaa	gggaagactg	tcggctcaga	agtccatgga	240
gctgtggggc	aggtagtcct	tgcgaccgat	gttctgtacc	tgcttgggtc	gcatagcctc	300
gagtttgggg	cagtcagtga	tccgatgacc	caggccccc	cagaaggcac	agccgcgctc	360
tcctccaatg	tccagcatgg	actcatcccc	gcaatgcagc	acctgcagca	cgggcggcac	420
cttctgcttg	gcttctagca	gcagcgcttt	gagggtccatc	agcactgact	catcacacgc	480
tttgttgatg	aaggtagtgg	cgatgcctgt	gtttcccgag	cgcccgggtg	ggccaatccg	540
gtgtacatag	ttctcaatct	cctctggcat	gtcataattg	atgacgtgct	ggatggcagg	600
gaagtccagg	cccttggagg	caacgtctgt	ggctactagg	acatccttct	tgccctccc	660
gaatgcctcg	atggccttag	tccgttcctc	ctggtctttg	cccccatgga	tggctacggc	720
ctcaaccccc	ttgagcagca	ggtactcgtg	gatggcgctc	acgtctgcct	tcttctctgc	780
aaagatgagt	acaggcgggg	gtgtcttctg	caggcactcg	agcagggtaca	ccatcttggc	840
ctcctccttc	acataattcta	cctcctggat	gacatccagg	ctggcagccc	cagcgcgccc	900
cacattgatg	gtcacaggct	ttacaagggc	actcttagca	aagttctgaa	tcttcttcgg	960
catggtggca	ctgaagagca	gggtctgtcg	ctggcccttg	aagtaggaga	agatggtacg	1020
gatgtcacc	tcgaagccca	tgtcgatcat	gcggtcagcc	tcgtccagg	ccaggtagcg	1080
acagatgtct	aggctgacca	tcttcttctg	cagcaaattc	atgaggcgcc	ccggggtggc	1140
caccatcatg	tgtacaccgt	gtcggtggt	ctccatctgc	tctttcacgg	acatgcccc	1200
aatgcagagg	gcgcagcgca	ggagtgggtga	gctgtcctcc	tgacgcaggc	ggcagtagta	1260
ctccaggatg	ccatgggtct	gccgggccag	ctcccgcgag	gggcagatga	tgagtccata	1320
gggcccctcg	cgctttgaga	agggtaacct	cttctcttgt	tccaggcaga	acatgatgac	1380
gggcaacgtg	aacaccagtg	tcttgcctga	acccgtgaaa	gcgatgccta	tcatgtcacg	1440
gccagataga	atggtgggga	tgccctggat	ctgaatgggt	gttgggtggt	gaatgccttt	1500
cttcttcagg	cctctcagga	tggtctcagg	aaacttcatt	tccttgaagc	tcttgatggg	1560
tgggtgggata	ccgtctccct	ccaccaggat	gtggtatttc	ttccgcacgc	gctcatgtcg	1620
ctcttcagac	atgctcagaa	cataacgggg	tggagtccag	ctggttttga	tggggtcatc	1680
atacgtaatg	cccttagcca	tctccttcac	tgacatcaat	gctcggccct	cggcaacact	1740
ctccaggatc	ttctcttctt	ccttcagctg	cttctccttg	gcagactctt	tgcgcgcttc	1800



atctgactgc	tctcaagctc	aggctgacac	agtttaagca	cagactcctg	aaatgtgagt	1920
tgctgctgga	agtaggacaa	gagatctgcc	atthttgctgt	catcatcatt	atcttcaatg	1980
tagctgtttc	caacgccatc	accatctgga	gaccgggtat	aagtaatctt	gaactctata	2040
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tctgctctga	cagtatcaga	atgacaatct	tcctcagctt	ctgccatgct	ggcggggcgg	2400
cctgctgcgc	tcgaggggct	ctccgtgccc	cctctgcacc	gccccccgga	ggaggggtgc	2460
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cggagaagcg	caccaggcag	cggcaataac	tgcggggccc	gcgtacggca	gccatcttcg	2580
cggggcaggg	ggccagatcg	gggcgcgctg	gggtggcggc	ggctgccggg	gactcgggga	2640
gtggaggggac	gcccgttgcc	agccgaggcg	ggggattgtg	cgagcaccgg	agcgtcagcc	2700
ctactggaga	ccccggacgc	cgcgcgggag	ctgccccctc	agctgcggaa	acctgcgccg	2760
a						2761

<210> 8029  
 <211> 1926  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1927)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1546)...(553)  
 <223> similar to gi5031506 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	8029					
tttttttttt	ttgtgagcaa	cagagatagt	ctttatttcaa	acgcagagag	atccataaca	60
tggaaacact	gacgcttccg	aaaccgcccc	atthattcac	ttctcaagtg	gcccccgctt	120
ggatgcgccc	tcgggagagt	gggctcagca	cagcctagag	caccaggtct	gaggtatctg	180
caaccacgtg	ggagccaggc	ccctggacga	tgaaggacaa	tctcctggag	cagcaataac	240
ttataaggag	acataattta	gagtagcttg	agccttgggg	atgactttat	cctgcaggag	300
gaggaggctg	agagcagacg	ggacacgggg	gcccctaaga	agcaaggttg	ggaaaggagg	360
aggctgtttc	ccaatgcccg	tgcgggccac	cagagggccc	ttcagtgcag	agatggtcgg	420
cgcggcctca	ccgcggtcag	gagcagcgcg	aaacccccct	tgcctcggc	cgctgcagc	480
atgagcctgc	acaggagccc	ccgacacccc	atggctccgg	ggggccccag	gggctgcggg	540
gctctggtct	tagacgcagt	tatcagggac	gcactcagcc	tcttcttcga	gctcggggca	600
ggggctcccg	ttgttgggcg	gctggacccg	gacgtagcga	gtcctgctct	tggtcccgag	660
cctcccacag	tggcctccgc	acagtcccca	ggacgaccac	aggagacct	cgcagtccag	720
cggcgtttct	ggaactgagg	cgctgtctac	aatctcattg	tcctgctgg	gcaggactgg	780
ggcgggaggg	atgaaggccc	tggggctctg	tcgcagccgc	agcagtgtca	ccctggcgat	840
gggaggcagg	gccttcagcc	gcgggtagta	gaaggagtgt	gccgggtggc	tgggagagga	900
ggacgttatc	tcggtcaccg	tgtcctgcgg	gatggtggcg	aagttggggg	aggagaaggt	960



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gaagccgctg tccgtcccgg cgctcgtagg gtacaggtcc agcgcgcgct gttcccgcga 1020
acggtccccg tcgcacaggt ccaggctgtc cacgcccacg aaccagtcgg ggctgggcac 1080
gatgcgcacc acaaacgaga ccagcgagtg cctgcgctgc acctccagct ccgcccagct 1140
ctgcccgggtg ccgctgggga cggcgggcgc cgaaaacacc gcgtgcacgc tctgcagcgc 1200
ctcccccgcc gcctcgatct ccttcacag cgcccaggcc tcgcccgcgt ccgcaaagtc 1260
gcgcagcccg ttactgacgt actggttctt cctccacatg ctgtagtcgg agctatgcgc 1320
ggcccccagc agcgaagacc actgcgcagg ggggcggaac aggggggtact gcttggggaa 1380
ggccgtctgg ctccacttgc ccgtgaaggt gatgctgtat ttggccgggg ctctggcgga 1440
acagatggat tctcccccaa gaggttgccc ggcggcgcgg agagtggcca ggaggagagc 1500
gcagaggggc ttgcccaggg cggcgggcgg gctgggggtt tccatcaccc gccaggagca 1560
gcgggagcgc ggccggcagc ggtcgggtcc cagccagagc ccggagctcc tatttaagcc 1620
cgaggccggc gccccgggccc ggccaatgag gctccagttc ctctgtctt cgatgtgca 1680
cggcctggcc tccagcgaga ggcagatagg acgtgggaga aaggaggaga aggggctgcg 1740
ggggcgggcg gggtgcccgc tttcccaact cgccctgccc agcgaccttc ccggggtcgg 1800
atcacctctt tcccctggca gtgctgccgc acccctttct ttgtctgtct gtcctatccc 1860
tcctctgtgc caagcttggc gtagtcagg gaagactgta tcgagttcaa annnnnnccc 1920
ctgctc 1926

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<210> 8030
<211> 1749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1625)...(299)
<223> similar to gi5734486 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8030
cgcgtttttt tttttttccc ccccccaaaa aaagggggtt ttttcccccc catttttttt 60
tttttcccc cgtttttttc cccccccct ttttttaaaa cccccccccc aaaaattttt 120
tttggtcccc aaaaaaaaa aaattttttt ccccccccg cccaaaaaat tttttttttt 180
taaaaggccc ccccccttt tttttttttt tttttttttt tttttttttt tttttttttt 240
tatcagctag aagagatttt tttattgaag ggcgagtcct cggcatctga tggcagctac 300
aactggatct cacggaacgc ccgcttctcc accagcttca ccttgtactt gcgtttgaac 360
ttggctctct ctcgaggctc gatcatattc ctctcttgga agctcttgaa ccggtctcga 420
aggatgttgc cctcgggctt cagggtcctg agcgagtcgt tcagctccga gctcagctgc 480
acgtcgatgt caggtgcctg gtacttgagc cgcccagacc ttcggggctt gtcagcctca 540
gcctcccgcc gcgctgcgc cgccctctgc cgccgcgcca gctccgccag cctcagggcc 600
acctgggcct tgatcccgcg cagccggaac agctcctggt gccggagccg ggccggccgc 660
aacgcggcct gctgtaccgc cagcctgtgc acagccttct ccgcccgcgc ctgctgctcc 720
gtcttcttct ctgtggtggc caggcgggcg ggcgtgggac agacctcggc atccccagcc 780
tccggccccct cgccctggcc tggctcccc tcaccatccg actcctccag cagcccctcg 840
cacagctcct ggaatgtgga ctcttggtg gcggcctgct ccgtggcggg cagggccagc 900
tgccgctcca gcttctccgc ctcttcttgc cgctgcaact ccacctcggt ggccgctgag 960
agcagggtct ggtggtcttc aaaggatgga ttgtaggaag ctccggcagg cgccacctcc 1020
acggcgggcg cctgggacgc cttggtgtgc aggcgtgctg gccgcttcac tcctttcttc 1080
ttggtctgct ccaggaaaaa ctcatcctgg ccaaccaacg gcctgtccag ggggttgtct 1140
gaggcccaga ggtcgtagaa gggccgctct acggtgtcct ggggcccggg cttggccctt 1200

```



<210> 8032  
 <211> 2254  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (355)...(2006)  
 <223> similar to gi2765229 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8032

ttgccaaagt	tggcacgagg	gcgctgagct	gcagtgtctg	gtcgagagta	cccgtgggag	60
cgtcgcgccg	cggaggcagc	cgccccggcg	taggtggcgt	ggccgaccgg	acccccaaact	120
ggcgccctctc	cccgcgcggg	gtcccagact	aggagatggg	aggcacagct	cgtgggcctg	180
ggcggaaagga	tgcggggccg	cctggggccg	ggctcccgcc	ccagcagcgg	agtgggtggag	240
ccacagtgtt	aaagaacaga	gaagtgatcc	ttaatcattt	agaattttgc	ctccaccatc	300
caccagaaaa	tgaagtggaa	agagaagttg	ggggatgggtg	tctatgacac	cttcatgatg	360
atagatgaaa	ccaaatgtcc	cccctgttca	aatgtactct	gcaatccttc	tgaaccacct	420
ccaccagaaa	gactaaatat	gaccactgag	cagttttacag	gagatcatac	tcagcacttt	480
ttggatggag	gtgagatgaa	ggtagaacag	ctgtttcaag	aatttggcaa	cagaaaatcc	540
aatactattc	agtcagatgg	catcagtgac	tctgaaaaat	gctctcctac	tgtttctcag	600
ggtaaaagtt	cagattgctt	gaatacagta	aaatccaaca	gttcatccaa	ggcaccctaa	660
gtggtgcctc	tgactccaga	acaagccctg	aagcaatata	aacaccacct	cactgcctat	720
gagaaaactgg	aaataattaa	ttatccagaa	atttactttg	taggtccaaa	tgccaagaaa	780
agacatggag	ttattgggtg	tccaataaat	ggagggtatg	atgatgcaga	tggggcctat	840
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gggagttttg	ggcaggtggc	caggggtctat	gatcacaaac	ttcgacagta	cgtggcccta	960
aaaatggtgc	gcaatgagaa	gcgctttcat	cgtcaagcag	ctgaggagat	ccggattttg	1020
gagcatctta	agaaacagga	taaaactggt	agtatgaacg	ttatccacat	gctggaaagt	1080
ttcacattcc	ggaaccatgt	ttgcatggcc	tttgaattgc	tgagcataga	cctttatgag	1140
ctgattaaaa	aaaataagtt	tcagggtttt	agcgtccagt	tggtacgcaa	gtttgcccag	1200
tccatcttgc	aatctttgga	tgccctccac	aaaaataaga	ttattcactg	cgatctgaag	1260
ccagaaaaca	ttctcctgaa	acaccacggg	cgagttcaa	ccaaggtcat	tgactttggg	1320
tccagctgtt	tcgagtacca	gaagctctac	acatatatcc	agtctcggtt	ctacagagct	1380
ccagaaatca	tcttaggaag	ccgctacagc	acaccaattg	acatatggag	ttttggctgc	1440
atccttgtag	aacttttaac	aggacagcct	ctcttccctg	gagaggatga	aggagaccag	1500
ttggcctgca	tgatggagct	tctagggatg	ccaccaccaa	aacttctgga	gcaatccaaa	1560
cgtgccaagt	actttattaa	ttccaagggc	ataccccgct	actgctctgt	gactaccag	1620
gcagatggga	gggttgtgct	tgtggggggt	cgctcacgta	ggggtaaaaa	gcgggggtccc	1680
ccaggcagca	aagactgggg	gacagcactg	aaagggtgtg	atgactactt	gtttatagag	1740
ttcttgaaaa	ggtgtcttca	ctgggacccc	tctgcccgct	tgaccccagc	tcaagcatta	1800
agacaccctt	ggattagcaa	gtctgtcccc	agacctctca	ccaccataga	caaggtgtca	1860
gggaaacggg	tagttaatcc	tgcaagtgtc	ttccagggat	tgggttctaa	gctgcctcca	1920
gttgttggaa	tagccaataa	gcttaaagct	aacttaatgt	cagaaaccaa	tggtagtata	1980
ccctatgca	gtgtattgcc	caaaactgat	tagcctagtg	gacagagata	tgcccagaga	2040
tgcatatgtg	tatatTTTTA	tgatcttaca	aacctgcaaa	tggaaaaaat	gcaagcccat	2100
tgggtggatgt	ttttgttaga	gtagactttt	tttaaacaag	acaaaacatt	tttatatgat	2160

```
tataaaagaa ttcttcaagg gctaattacc taaccagctt gtattggcca tctggaatat 2220
gcattaaatg actttttata ggtcaaaaaa aaaa 2254
```

```
<210> 8033
<211> 981
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (306)...(849)
<223> similar to gil88543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8033
gaccctgcag aggcggcgagg gctcctcctc ccgctcctcc tcggcctccc cttcggggcgc 60
tctcgcgcta actgtgctcc tccggggccc tccgcctgct cccagccatg gtggcctggc 120
gctcggcggt ccttgctctgc ctgcctttct ccttggccac cctgggtccag cgaggatctg 180
gggactttga tgattttaac ctggaggatg cagtgaaga aacttcctca gtaaagcagc 240
catgggacca caccaccacc accacaacca ataggccagg aaccaccaga gctccggcaa 300
aacctccagg tagtggattg gacttggttg atgctttgga tgatcaagat gatggccgca 360
ggaaaccggg tataggagga agagagagat ggaaccatgt aaccaccacg accaagaggc 420
cagtaaccac cagagctcca gcaaatactt taggaaatga ttttgacttg gctgatgcc 480
tggatgatcg aaatgatcga gatgatggcc gcaggaaacc aattgctgga ggaggagggt 540
tttcagacaa ggatcttgaa gacatagtag ggggtggaga atacaaacct gacaagggtg 600
aaggtgatgg cgggtacggc agcaatgacg accctggatc tggcatggtg gcagagcctg 660
gcaccattgc cggggtggcc agcgccctgg ccattggcct catcggtgcc gtctccagct 720
acatctccta ccagcagaag aagttctgct tcagcattca gcagggtctc aacgcagact 780
acgtgaaggg agagaacctg gaagccgtgg tatgtgagga accccaagtg aaatactcca 840
cgttgacac gcagtctgca gagccgccgc cgccgccga accagcccg atctgagggc 900
cctgtccagc tgcaggcatg cacaatggtg ccaccgcttg tcaccggtt ccccccaccc 960
cttcatttgg accgcagct g 981
```

```
<210> 8034
<211> 1834
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (60)...(1513)
<223> similar to gi2443870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 8034
cattgagaac tgtaggaccc gcttacgcca agcttggcac gaggcaagcg gccacaagga    60
tggcaggctt cgcggagctc gggctgtcat cgtggctcgt ggaacaatgt cggcagctgg    120
gtttgaagca gcccacgccc gtgcagctcg gctgcatccc cgccatcctg gagggctcgag    180
actgcttggg ctgtgctaag acaggcagtg ggaagacagc agcgtttgct cttcccatct    240
tgcagaagct gtctgaggat ccctatggca tcttctgcct cgtcctgaca cccaccaggg    300
agctggccta ccagatcgca gagcagttcc gggtcctggg gaagcctcta gggctgaaag    360
actgcatcat cgtcgggtggc atggacatgg tggcccaggc gctggagctc tctcggaaac    420
cacacgtggt catcgccacg ccggggcgcc tggcagatca cctgcgcagc tccaacactt    480
ttagtataaa gaagatccgc ttcttgggga tggatgaggc agaccggctg ctggaacagg    540
gctgcactga cttcacctg gacctggagg ccctcctggc ggctgtgccg gcccgagggc    600
agacactgct gttcagcgcc acgctgaccg acacactccg ggagctgcag ggtctggcca    660
ccaaccagcc cttcttctgg gaagcacagg ccccggtgag caccgtggag cagctggacc    720
agcgctacct gctggtgcct gagaaggcca aggagcgcta cctggtccac ctgatccagc    780
gcttccagga tgagcacgag gactggtcca ttatcatctt caccaacacg tgcaagacct    840
gccagattct gtgcatgatg ctgcgcaaat tcagcttccc caccgtggtc ctgcaactcca    900
tgatgaagca gaaagaacgc tttgccgccc tagccaagtt caagtccagc atctaccgga    960
tcttgatcgc aacagacgtg gcctcccggg gcctggacat ccctacggta cagggtggtca   1020
tcaaccacaa ccccccggg ctccccaaga tctacatcca ccgagtcggc cggacggccc   1080
gtgcagggcg gcagggtcag gccatcacgc tgggtgacaca gtacgacatc cacctggtgc   1140
acgccatcga ggagcagatc aagaagaagc tggaggagtt ctccgtggaa gaggccgagg   1200
tgctacagat cctcacacag gtcaacgtgg tgcaagaga gtgtgagatc aaactggagg   1260
cggcccaact tgacgaaaag aaggagatca acaaacggaa gcagctgatc ctggagggga   1320
aggaccctga cctggaggcc aagcgcaagg ctgagctggc caagatcaag cagaagaacc   1380
ggcgcttcaa ggagaagggtg gaggagacgc tgaagcgaca gaaggctggc agggctggcc   1440
acaaggggcg tccaccagc acaccgtctg ggtcccactc agggccagtc cctcccagg   1500
gcctggtctg agccccacac ggccatctgc ccagtccttg actcgtccat ggagctgagg   1560
gtcggaggaa ccttccttgg gggcagcagc ccttcccggg ggcctacca gtgcccaca   1620
gcagaaccgg tgggcgctcg tgttgtgcgg gccctgctcc tctgccccga aaccactggc   1680
tggtcccttc cctgagccct ggccaagatt caggctgcag gggaagaaag aacatgaccg   1740
ggaggttgtg accccaaccc aaggtcacc cccaggggtg ccgcatacag gaggtgctta   1800
ataaacgggt cttttgactt cctcaaaaaa aaaa                                1834

```

```

<210> 8035
<211> 1135
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1079)...(553)
<223> similar to gi3779197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8035
accttagagt tcttggccag agttgactct aggtagtgat gtgattttct tgggatgttt    60
ttctaaatat tcttttatgc taaagcacat ggcttgatac ttctgttgat taagctcgtg    120
tctacttaca gtcacttagt gagaacctgt ggtgtggtga gatgataact tggctcttgg    180
tcttcatcat ttgaactagt tttggttttg tcttgtccct tccttgagca ttttgtgtgt    240

```

**Q**uestions and Answers in English

```
<220>
<221> misc_feature
<222> (1)...(1085)
<223> n = a,t,c or g
```

<400>	8036						
tttttt	ttatgctcaa	aagttaaatt	ttattttacc	tgttcactgg	cccaaactta		60
ccttat	atcacataaa	gatttcatgg	accgttcctt	ctccctgcc	aaaatacgta		120
gaacaa	attaagagta	agagttgggt	tttaaaactgc	actttatttg	ttactgtaac		180
tttttt	aactgatcaa	ccataagcat	gcaaaaagtt	ctctgaaact	gcttccactg		240
ctgtat	agaaatgggt	aaattataaa	ggtgattcaa	tttggaagtc	tttctttttt		300
gcactt	ctaagctgtg	tgcgcgacac	acaccacaga	ggtaggaagg	accaccttta		360
attatc	ttcttaatcg	cagagaattt	ctgaagataa	aactgacaaa	atgctaaacc		420
ctttga	tgagtcccaa	aggaccacag	atccatcggc	tcctatttga	agaattcatc		480
gtagtg	ttctagcctt	tgtagggcac	tggattacaa	gatccaccag	ggctctgaac		540
cgcta	agaagccttc	taaccactct	catttgccga	ttctttggac	caccaggtcc		600
gcaga	gagggcagcg	attgtttctgt	ttcaccaca	gggacatgca	gcagttgtgg		660
aatgat	tacattctcc	ccagaccaca	acacagtcct	cttgtttgtt	ttcagcttga		720
caagac	aggcattcct	cacctggacc	ctgcagatgg	cgacagtatc	gcactccacg		780
agctcc	acatggccac	cgcggtccac	tcttgagggg	agaacattct	gtcgctctcc		840
ggagc	ctgagctccc	ggagtgaag	gcaggggcgc	aggtttcttc	tcggtctctc		900
ggcca	tggcgggcgc	gcggagccga	cggcggaagc	gttggtcttg	ggaaggcgga		960
agggc	ggctctgtgg	agcgcgccga	cgggccacag	gcgcgcccgc	agccgcacag		1020

ccaccgtggt gcttagaccc cggctggaat tccnccgcnc tggcgagatg tctcaaggct 1080  
caaa 1084

<210> 8037  
<211> 2234  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (111)...(2021)  
<223> similar to gi4530688 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8037  
aggggacgca gcgaaaccgg ggcccgcgcc aggccagccg ggacggacgc cgatgcccgg 60  
ggctgcgacg gctgcagagc gagctgccct cggaggccgg cgtggggaag atggcccagt 120  
ccaccgccac ctcccctgat gggggcacca cgtttgagca cctctggagc tctctggaac 180  
cagacagcac ctacttcgac ctccccagc caagccgggg gaataatgag gtggtgggcg 240  
gaacggattc cagcatggac gtcttcacc tggagggcag gactacatct gtcattggccc 300  
agttcaatct gctgagcagc accattggacc agatgagcag ccgcgcggcc tcggccagcc 360  
cctacacccc agagcagcgc gccagcgtgc ccacccactc gccctacgca caaccagct 420  
ccaccttcga caccatgtcg ccggcgccctg tcatccctc caacaccgac taccocggac 480  
cccaccactt tgaggctcact ttccagcagt ccagcagcgc caagtcagcc acctggacgt 540  
actccccgct cttgaagaaa ctctactgcc agatcgccaa gacatgcccc atccagatca 600  
aggtgtccac cccgccaccc ccaggcactg ccattccgggc catgcctgtt tacaagaaag 660  
cggagcacgt gaccgacgtc gtgaaacgtc gcccacaacca cgagctcggg agggacttca 720  
acgaaggaca gtctgtcca gccagccacc tcatccgcgt ggaaggcaat aatctctcgc 780  
agtatgtgga tgaccctgtc accggcaggc agagcgtcgt ggtgccctat gagccaccac 840  
aggtggggac ggaattcacc accatcctgt acaacttcat gtgtaacagc agctgtgtag 900  
ggggcatgaa ccggcgggccc atcctcatca tcatcaccct ggagatgcgg gatgggcagg 960  
tgctgggccc ccggtccttt gagggccgca tctgcgcctg tctggccgc gaccgaaaag 1020  
ctgatgagga ccactaccgg gagcagcagg ccctgaacga gagctccgcc aagaacgggg 1080  
ccgccagcaa gcgtgccttc aagcagagcc cccctgcgct ccccgccctt ggtgccggtg 1140  
tgaagaagcg gcggcatgga gacgaggaca cgtactacct tcagggtgca ggccgggaga 1200  
actttgagat cctgatgaag ctgaaagaga gcctggagct gatggagtgt gtgccgcagc 1260  
cactggtgga ctctatcgg cagcagcagc agctcctaca gaggccgagt cacctacagc 1320  
ccccgtccta ccggcgcggtc ctctcgccca tgaacaaggt gcacgggggc atgaacaagc 1380  
tgccctccgt caaccagctg gtgggccagc ctcccccgca cagttcggca gctacacca 1440  
acctggggcc cgtggggccc gggatgctca acaaccatgg ccacgcagt ccagccaacg 1500  
gcgagatgag cagcagccac agcgcaccgt ccattggtctc ggggtccac tgcaactccg 1560  
caccccccta ccacgccgac ccagcctcg tcagttttt aacaggattg ggggtgtcaa 1620  
actgcatcga gtatttcacc tccaagggt tacagagcat ttaccacctg cagaacctga 1680  
ccattgagga cctgggggccc ctgaagatcc ccgagcagta ccgcatgacc atctggcggg 1740  
gcctgcagga cctgaagcag ggccacgact acagcaccgc gcagcagctg ctccgctcta 1800  
gcaacgcggc caccatctcc atcggcggt caggggaact gcagcgccag cgggtcatgg 1860  
aggccgtgca cttccgcgtg cgccacacca tcaccatccc caaccgcggc ggcccaggcg 1920  
gcggccctga cgagtggcg gacttcggct tcgacctgcc cgaactgcaag gcccgcaagc 1980  
agcccatcaa ggaggagttc acggaggccg agatccactg agggcctcgc ctggctgcag 2040  
cctgcgccac cgcccagaga cccaagctgc ctccctctc cttcctgtgt gtccaaaact 2100

```
gcctcaggag gcaggacctt cgggctgtgc ccggggaaag gcaagggtccg gcccatcccc 2160
aggcacctca caggccccag gaaaggccca gccaccgaag ccgcctgtgg acagcctgag 2220
tcacctgcag aacc 2234
```

```
<210> 8038
<211> 895
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(607)
<223> similar to gi2854187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8038
tttcgtgcgg gtccgaccgc gcacaatggg ccatggagtt cccgttcgat gtggacgcgc 60
tggtcccgga gcggatcacg gtgctggacc agcacctgag gccccagcc cgccgaccgc 120
gaaccacaac gccggcccgt gttgatctac agcagcaaat tatgaccatt atagatgaac 180
tgggcaaggc ttctgccaaag gccagaatc ttccgctcc tatcactagt gcatcaagga 240
tgcagagtaa ccgccatggt gtttatattc tcaaagacag ttcagccga ccggctggaa 300
aaggagccat tattggtttc atcaaagttg gatacaagaa gctctttgta ctggatgatc 360
gtgaggctca taatgaggta gaaccacttt gcacctctgga cttttacatc catgagtctg 420
tgcaacgcc a tggccatggg cgagaactct tccagtatat gttgcagaag gagcgagtgg 480
aaccgcacca actggcaatt gaccgaccct cacagaagct gctgaaattc ctgaataagc 540
actacaatct ggagaccaca gtcccacagg tgaacaactt tgtgatcttt gaaggcttct 600
ttgcccatca acatcgccc cctgctccct ctctgagggc aactcgacac tctcgtgctg 660
ctgcagtcga tcccacgcc gctgctccag caagggaagct gccacccaag agagcagagg 720
gagacatcaa gccatactcc tctagtgaac gagaatttct gaaggtagct gtggagcctc 780
cttgccccct aaacagggcc cctcgccgcg ccacacctcc agcccccca ccccccgct 840
ccagcagcct gggaaactca ccagaacgag gtcccctccg cccctttgtg ccaga 895
```

```
<210> 8039
<211> 2840
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1792)...(2475)
<223> similar to gi5817857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```





<213> Homo sapiens

<220>

<221> misc\_feature

<222> (194)...(1492)

<223> similar to gi313765 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8040

gcggagggaat tctgccacga acaggccaat aaggagggag cagtgcgggg tttaaactctg 60  
aggctaggct ggctcttctc ggcgtgctgc ggcggaacgg ctgttggttt ctgctgggtg 120  
taggtccttg gctggtcggg cctccggtgt tctgcttctc cccgctgagc tgctgcctgg 180  
tgaagaggaa gccatggcgc tccgagtcac caggaaactcg aaaattaatg ctgaaaaataa 240  
ggcgaagatc aacatggcag gcgcaaagcg cgttcctacg gccctgctg caacctccaa 300  
gcccggactg aggccaagaa cagctcttgg ggacattggt aacaaagtca gtgaacaact 360  
gcaggccaaa atgcctatga agaaggaagc aaaaccttca gctactggaa aagtcattga 420  
taaaaaacta ccaaaacctc ttgaaaaggc acctatgctg gtgccagtgc cagtgtctga 480  
gccagtgccg gagccagaac ctgagccaga acctgagcct gttaaagaag aaaaactttc 540  
gcctgagcct attttggttg atactgcctc tccaagccca atggaaacat ctggatgtgc 600  
ccctgcagaa gaagacctgt gtcaggcttt ctctgatgta attcttgagc taaatgatgt 660  
ggatgcagaa gatggagctg atccaaacct ttgtagtga tatgtgaaag atatttatgc 720  
ttatctgaga caacttgagg aagagcaagc agtcagacca aaatacctac tgggtcggga 780  
agtcaactgga aacatgagag ccataccta tgcactggct gtacagggtc aaatgaaatt 840  
caggttggtg caggagacca tgtacatgac tgtctccatt attgatcggc tcatgcagaa 900  
taattgtgtg cccaagaaga tgctgcagct ggttggtgtc actgccatgt ttattgcaag 960  
caaataatgaa gaaatgtacc ctccagaaat tgggtgacttt gcttttgtga ctgacaacac 1020  
ttatactaag caccaaatac gacagatgga aatgaagatt ctaagagctt taaacttttg 1080  
tctgggtcgg cctctacctt tgcaacttct tgcggagagca tctaagattg gagagggttg 1140  
tgtcgagcaa catacttttg ccaaatacct gatggaacta actatgttgg actatgacat 1200  
ggtgcacttt cctccttctc aaattgcagc aggagctttt tgcttagcac tgaaaaattct 1260  
ggataatggt gaatggacac caactctaca acattacctg tcatatactg aagaatctct 1320  
tcttccagtt atgcagcacc tggctaagaa tgcagccatg gtaaatcaag gacttacaaa 1380  
gcacatgact gtcaagaaca agtatgccac atcgaagcat gctaagatca gcactctacc 1440  
acagctgaat tctgcactag ttcaagattt agccaaggct gtggcaaagg tgtaacttgt 1500  
aaacttgagt tggagtacta tatttataaa taaaattggc accatgtgcc atctgtacaa 1560  
aaaaaaaa 1568

<210> 8041

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (112)...(801)

<223> similar to gi4680705 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8041
aattcgtagg gagaccctta ggccactccgg actaagatgg cggcgacggc caggcggggc 60
tggggagctg cggctgttgc cgccgggctg cgcaggcggg tctgtcataa gttgaagaat 120
ccatacacca ttaagaaaca gcctctgcat cagtttgtac aaagaccact tttcccacta 180
cctgcagcct tttatcacc cagtgagatac atgtttattc aaacacaaga taccctaaat 240
ccaaacagct taaagtttat accaggaaaa ccagttcttg agacaaggac catggatttt 300
cccacccag ctgcagcatt tcgctcccct ctggctaggc agttatttag gattgaagga 360
gtaaaaagtg tcttcttttg accagatttc atcactgtca caaaggaaaa tgaagaatta 420
gactggaatt tactgaaacc agatatttat gcaacaatca tggacttctt tgcatctggc 480
ttacccttgg ttactgagga aacaccttca ggagaagcag gatctgaaga agatgatgaa 540
gttgtggcaa tgattaagga attgttagat actagaatac ggccaactgt gcaggaagat 600
ggaggggatg taatctacaa aggctttgaa gatggcattg tacagctgaa actccagggt 660
tcttgtagca gctgccctag ttcaatcatt actctgaaaa atggaattca gaacatgctg 720
cagttttata ttccggaggt agaaggcgta gaacagggtt tggatgatga atcagatgaa 780
aaagaagcaa actcacctta aaataatctg gattttcttt gggcataaca gtcagacttg 840
ttgataatat atatcaagtt tttattatta atatgctgag gaacttgaag attaataaaa 900
tatgctcttc agagaatgat atataa 926

```

```

<210> 8042
<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (67)...(670)
<223> similar to gi5578990 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8042
aattgaattc gagttcccta gtccagtgcg gtggaattcg tctgggaagg agagaaaatg 60
gcggcggagc cgaacaagac cgaaatccag actcttttta agaggcttcg cgcagttcca 120
accaacaagg cctgttttga ctgcggcgcc aagaatccga gttgggcccag catcacgtac 180
ggtgttttct tgtgcattga ctgttccggg gtgcaccgct ccctgggcgt ccactctgagc 240
ttcatcaggt ccacagagtt ggattccaac tggaaactgg tccagctgag gtgtatgcag 300
gtcggcggga atgccaatgc gacggctttt tttcgccaac atggatgcac agccaatgat 360
gccaacacca aatataatag ccgagctgcc cagatgtacc gggagaagat ccggcagctg 420
gggagtgcgg ccctggctag gcatggcact gatcttttga tagacaacat gagtagtgcc 480
gttcctaate actccccaga gaagaaggac tctgatttct tcacagaaca cactcaaccc 540
cctgcctggg atgcgccagc cactgagcct tcagggaacc agcagccagc cccgtctaca 600
gagagcagtg gcctggcaca gccggagcat ggccccaa caagacctgt tggcacctca 660
cccaaagcct cactggaact gaaaagctcc atcattggca agaagaagcc agcagcagct 720
aagaaagggc tgggtgccaa gaaaggccta gggggccaga aggtgagcag ccagagcttc 780
agtgagattg agcggcaggc tcagggtggc gagaaagctc gtgagcagca ggcagccgat 840
gccaaagaagc aggcggagga gtccatggtc gcctccatgc gtctggccta ccaggagctc 900
cagattgatc gt 912

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<210> 8043  
 <211> 1623  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1569)...(888)  
 <223> similar to gi4454690 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8043  
 aatacatgga ggcaggggact ttgggtcaaa ttactggggg aaatggaaaa gttaatatgt 60  
 atgtagtagg gaacaggggt tatactagggt taggcagaga agccttgag ttttctcaga 120  
 atctgcactg aggggttaagg gaggtatcta tgaaaggggtg tgcaacttcc ccaaaccgca 180  
 gcaactccag ccagtttccc ggtactgcct tgccctgggt ttgcaggtgt ggctggaccc 240  
 agtttaaata tctggccaca agctcagcca gactctgggt ccctcggctg ttcactccca 300  
 ctgggcttct ggtcccagcc ccatctcagt cactgtgggt ggtcagaaga cagtaaattcc 360  
 caaacttgat tagttgcaaa gtccatctgg cttggttttc tgttgctgat agagagacca 420  
 ggggagtttc tgtgtgagag aacgggggac tattctcact tcttccaccg cacaagctgc 480  
 tcaagggtgg ctgcatggct ggtctggctg gaaatactga aacagctctc cttcacctac 540  
 ccctagagta ggcgggatgt gacccagga atgagaatat accagggcag atacagacac 600  
 agaaatgttt tgcctgatgg cattagggtt attttgtggg aaagcagaat tggggctctc 660  
 tgaaaggcac ttgtgaggca tagaagtaaa ggttgccaca tggctaattg tggacgtctt 720  
 cctggcatcc ttgggggtag gggaaagaca gacagctccc agggccacag aaaatacctc 780  
 tatcagatag agaaatccga gtcccagtc cttatgggtg agccaagggt taagcagatg 840  
 gcctgctttt ttatacgaa gagtttgctt cctccgggca atcttaaagt ctggcattca 900  
 cggctggagg tatagggcc atccacttct ctccagcag gtgcgccagc agctccatcc 960  
 ggtcagagcc aaataacatg tgggtttggc catccacatg ggccaagggt atgggcagcc 1020  
 caaaggctcc gtatctgcag gctgcctcag tgggtctcctt gagctgggtt ttcacctttg 1080  
 gcgttgcgat cttttccaga agtccctggg cttgttctgc agacatacca gccttctctg 1140  
 cagccgccag gatgctctgc ggctcgggtg tgtcttcatt ccttgaccag acgcgcatcc 1200  
 acagctcccg ggacgctttc tccagcatct ctggatgctc caagttcacg gcggtgagga 1260  
 aacgcatggc agacaaactt cttttttcaa gcatcacaga caagaaatcc ttgggggaagt 1320  
 ggatgggaat ctggagatgg tgtctcagga gctttaagtc atttgccatg tatagtcctt 1380  
 tgcggggaag cagacctgga ggcttgtttc cactgtcttt catgatccct gttatgaggc 1440  
 tgggccgcaa ctgcaggttg atgttccaga tattctgata ccggcacagg atctcgaagc 1500  
 ccagccagga gtagggggac agcacgtcat agaagagctc cacggtgcgc ggcaggggcc 1560  
 ccatgctgca ggctccggaa gagcagtggc agcaggagct ctttttcccg gaacccggca 1620  
 gag 1623

<210> 8044  
 <211> 1619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1115)...(693)  
 <223> similar to gi4929649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8044

cctttttttt	ttttttaaca	tcaaatttgg	tttatttcaa	gtttgtaaca	aaatatattc	60
taggcaactt	ttcagacatt	gttttatagc	atcataaacc	ccataccact	gctgtcattc	120
caaaagctgc	caggacactg	gaagttatca	agtgggccag	cccaggaata	caggtagaat	180
tcacatgata	ggtgataaga	aagcaatgtc	tgtggggccac	tctgatccct	ctttttacct	240
tggtaggtaa	ggtatgatct	taagactata	tgtactgagt	cctattagtc	agtgaaaaag	300
attaaagtga	caagttatgt	gctttgttcc	tatagctttg	aagttcatcc	acctcaccag	360
caattggaag	gtctcaggtc	ttgcaggctc	taccatgtg	taatcctggg	gcagggtgtga	420
atcttgattt	ttttaagaga	ttactcaagg	gagagaacaa	cagaaacgga	agccatgagt	480
actgccccaa	ttctagatta	ggttagaggt	tagaataaat	taactaatgg	ggagtggtag	540
tgggtagcag	tcagaccag	gagacagatt	tgtgtggttt	cctgatctca	gcaaggtcta	600
aggaaaaaag	cctccccgcc	ccccacctt	aaatagtggc	atcaagtcac	gaaggccagt	660
gaaacgtggt	tagtctcgta	aaatgacttc	cagttcttcc	aggctccttct	ggatagccaa	720
atcctccttc	gtgacatctg	gcagctccag	ggccaacttc	atccaccatc	tagcttcaga	780
gtttttccct	agttctctgt	agcacttgga	aatatatacc	cttcctgctt	tggaaaatcc	840
tggctgtagt	tcttcagcct	ttaggaagct	ctggagggca	tcttccacag	tggcactgag	900
agggctttca	agcaaggctg	tagcagtttt	tttttctagc	cagctcaggt	gagagacctg	960
atagcaccac	ctgccaagaa	gaaagtgagc	catgggggtt	tctggctgga	gagcaatggc	1020
tttgtccaca	tgctccttga	agctaaagcc	actctggatg	cgctcttgga	tgctctcatg	1080
ctcagccagc	tgaccacaaa	gcaccgcata	cctagggggg	aagcagcaag	ctcagggaca	1140
agggctgagt	accatcactg	caagggaatg	atgccccaac	cacagcctag	ttgcattgtc	1200
cgctatccct	gtaccctcaa	ctagagctga	aaatacctaa	ttttcatctg	tacgtaatcc	1260
ccattcttta	cggacctctg	gccccaat	gtattcttta	gtagataatg	gtaggcttac	1320
aagtctccaa	agtattctag	gtataaaaaa	agctgggttc	accacagtaa	atctctctta	1380
cacagtaaat	ctctcctaca	ctcataagga	gtacagccac	aggcattaat	aaaaacttga	1440
aaagcatgaa	aacaatcagc	ataaaagtat	gagacctgac	tatactactt	atcttctggg	1500
cagacaaaaa	agtgggtctc	attagccttt	aagcatacag	gtgtatcact	gggacttggg	1560
aagcaatttc	ttaggatagt	cacattggga	ggggatattc	taggaatttc	tgatgttac	1619

<210> 8045

<211> 2191

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (39)...(379)

<223> similar to gi927071 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8045

agctgcagcg	gcagaggcag	catccagcgg	cggcgccagc	agttccagtc	cgttgcttta	60
ctttttgctt	caccgacata	gtcattatgc	cgaagagaaa	gtctccagag	aatacagagg	120

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gcaaagatgg atccaaagta actaaacagg agcccacaag acggtctgcc agattgtcag 180
cgaaacctgc tccaccaaaa cctgaaccca aaccaagaaa aacatctgct aagaaagaac 240
ctggagcaaa gattagcaga ggtgctaaag ggaagaagga ggaaaagcag gaagctggaa 300
aggaagggtac tgcacatctt gaaaatggtg aaactaaagc tgaagagatc cacatctctc 360
gctcaactgt taatgtctca acctccagag gcacccacc cagcacactg tcagtaaagg 420
ggcagattga aacagtgaga gttaagggca cagaaaactg aatctgtaga taacgaggga 480
gaatgaattg tcatgaaaaa ttgggggttg ttttatgtat ctcttgggac aactttttaa 540
agctattttt accaagtatt ttgtaaattg taatttttta ggactctact agttggcata 600
cgaaaaatata taaggatgga cattttatcg tctcatagtc atgctttttg gaaatttaca 660
tcatcctcaa gtaaaataaa tatcagttaa atattggaag ctgtgtgtaa gattgattca 720
gcattccatg cacttgcttt aaaatttagt cctgtgcata ctgtggtggt tttactgtgc 780
atatttgaat ttttttgtag acaagtaaac cttttatttt aaaccacaaa tagtcagcag 840
gtggccacaa ctatccatgt ttcattaaaa tcacataaaa cctaggtaca aaagcaccac 900
tgattattgc tctagaaaaa ctgcatgaaa aattcaaata tgcacagtaa aaacaccaca 960
gtatgcacag gactaaattt taaagcaagt gcatggaatg ctgaatcaat cttacacaca 1020
gcttccaata ttttaactgat atttatttta cttgaggatg atgtaaattt ccaaaaagca 1080
tgactatgag acgataaaat gtccatcctt atatatcttc gtatgccaac tagtagagtc 1140
ctaaaaaatt agcattttaca aaatacttgg taaaaatagc ttttaaaagt tgtcccaaga 1200
gatacataaa atcaacccca atttttcatg acaattcatt ctccctcggt atctacagat 1260
tcagttttct gtgcctgtga aaaagaaagg aaaaaaaaac atatagttac tactgaaact 1320
actataagca aaggaaattg ccacccacca acacacacag ttttgggaaca tttgttttct 1380
tttttttttt ccagctttac tgcaaaacct atttcaactt tgagtgaaga agacaaggca 1440
ggaatatatt acacaaacac tttgtttcat ttaatgcttt ctgcttttca aacccccaca 1500
gaagccttac ctgcaagctc ccacttttta taatgattaa aaaaaaaaaa ccaccacact 1560
actatctgat tctagtcact gcaaacatgc agaattttct actgtaccct taactctcac 1620
tgtttcaatc tgccccttta ctgacagtgt gctgggtggg gtgcctctgg aggttgagac 1680
attaacagtt gagcgagaga tgtggatctg caataacatt acaggcaata aaaagagaca 1740
ttaagaacgt gctatcacgg gctgaaggat tgagaaattt ctttaaagac actgattcaa 1800
tcagtgaggag gtattttatg aaagtacctc ttcagcttta gtttcacat tttcagatgg 1860
tgcaagtacct tcctttccag ctctcctgct ttcctccttc ttccttttag cacctctgct 1920
aatctttgct ccaggttctt tcttagcaga tgtttttctt gggtttgggtt cagggttttg 1980
tggagcaggt ttcgctgaca atctggcaga cgtctctgtg ggctcctggt tagttacttt 2040
ggatccatct ttgcctctg tattctctgg agactttctc ttcggcataa tgactatgtc 2100
ggtgaagcaa aaagtaaagc aacggactgg aactgctggc gccgcccgtg gatgctgcct 2160
ctgcccgtgc agctgctcac gcgcaggggc c 2191

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<210> 8046

<211> 1648

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (115)...(1091)

<223> similar to gi5327002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8046

```

tttcgtcccc gggcgagtg gctctgctc gtgggtggtt ctggtggagg tcagctcccc 60
cgtgtctccg ctgcacagg tgcttgggca gagcccatcg ggtaggcgcg ggccatggcg 120

```

cagtacaagg	gcaccatgcg	cgaggcaggc	cgtgccatgc	acctcctcaa	gaagcgcgaa	180
aggcagcggg	agcagatgga	ggtgctgaag	cagcgcacgc	ccgaggagac	catcctcaag	240
tcgcaggtgg	acaagaggtt	ctcggcgcac	tacgacgcgc	tggaggccga	gctgaagtcc	300
agcacggtgg	gcctggtgac	cctgaacgac	atgaaggccc	ggcaggaggc	cctggtcagg	360
gagcgcgagc	ggcagctggc	caagcgccag	cacctggagg	agcagcggct	gcagcaggag	420
cggcagcggg	agcaggagca	gcggcgcgag	cgcaagcgta	agatctcctg	cctgtccttt	480
gcactagacg	acctcgatga	ccaggccgac	gcggccgagg	ccaggcgcgc	cggaaacctg	540
ggcaagaacc	ccgacgtgga	caccagcttt	ctgccagacc	gtgaccgcga	ggaggaggag	600
aaccggctcc	gagaggagct	gcgccaaagag	tgggaggcgc	agcgcgagaa	agtgaaggac	660
gaggagatgg	aggtcacctt	cagctactgg	gacggctcgg	gccaccggcg	cacggtgcgg	720
gtgcgcaagg	gcaacacggt	gcagcagttc	ctgaagaagg	cgctgcaggg	gctgcgcaag	780
gacttcctgg	agctgcgctc	cgcgcggcgtg	gagcagctca	tgttcacaa	ggaggacctc	840
atcctgccgc	actaccacac	cttctacgac	ttcatcatcg	ccagggccgag	gggcaagagc	900
gggccgctct	tcagcttcga	tgtgcacgat	gacgtgcgcc	tgtcagcgca	cgccaccatg	960
gagaaggacg	agtcgcacgc	gggcaagggtg	gtgctgcgca	gctggtacga	gaagaacaag	1020
cacatcttcc	ccgccagccg	ctgggaggcc	tatgaccccg	agaagaagtg	ggacaagtac	1080
accatccgct	aacacccgcc	tgccagagcg	gaaaccgggg	gtgggggggag	acactcattt	1140
ctaggcccca	tcaccagtca	cttgatttcg	tgaccttgat	ttcttccccc	aaatttaata	1200
aagacagagg	gtttctcatga	ttcacatttg	ttgtgctatt	gctgatgtta	tgctttggtt	1260
gcttggttgg	tcttttctga	gtatttttagt	gttgccacct	ggatttgccct	gccattgctc	1320
ctgcctgaag	cctgtaattg	aaaacccatg	actgggcccc	actgtccaga	cagaaattag	1380
ataagagggc	cacatttttg	accttgggtg	ttatgaagcc	atggacttgg	gggcccacag	1440
tgaactgagt	ttgatctccc	gacacagcct	cctccttgct	gtgtagtttt	gggtaagctt	1500
attaaacccc	ctagcctcag	tttggtcacc	tgtaaaagga	aataacaaga	gcacttactt	1560
tataagattg	atgtgagtat	taagtgaatt	aatatttgta	aaacgcttag	ctcttaataa	1620
atgtttctgt	tgttattaaa	aaaaaaaa				1648

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<210> 8047
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (257)...(907)
<223> similar to gi5302783 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8047						
tttcgtgcgg	cggcggcccg	agagctgcgc	cgggagagct	gtgccgcgag	cctccgcctc		60
ttttttggca	ccgcacagtg	gatccctgga	ggccgagcgc	cacgcgcgcc	gggtacccg		120
cagatcgca	ggtggaacgg	gccgtcgctg	cgggggacag	cgttccgagg	cagttggtcc		180
tctccaggat	gccgtaggca	tcagctgacc	ggcccagccc	acgtgactac	aggggcactt		240
gatgggaatc	atggcagcat	ccaggccatt	gtcccgcctc	tgggagtggg	gaaagaacat		300
cgtctgcgtg	gggaggaact	acgcggacca	cgtcaggggag	atgcgcagcg	cggtgttgag		360
cgagcccg	ctgttcctga	agccgtccac	ggcctacgcg	cccaggggct	cgcccatcct		420
catgcccg	tacactcgca	acctgcacca	cgagctggag	ctgggcgtgg	tgatgggcaa		480
gcgctgcgcg	gcagtccccg	aggctgcggc	catggactac	gtgggcggct	atgccctgtg		540
cctggatatg	accgcccggg	acgtgcagga	cgagtgaag	aagaaggggc	tgccctggac		600
tctggcgaag	agcttcacgg	cgtcctgccc	qgtcaqcqcq	ttcgtgccca	aggagaagat		660

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ccctgaccct cacaagctga agctctggct caagggtcaac ggcgaaactca gacaggaggg 720
tgagacatcc tccatgattt tttccatccc ctacatcatc agctatgttt ctaagatcat 780
aaccttggaa gaaggagata ttatcttgac tgggacgcca aaggggagttg gaccgggttaa 840
agaaaacgat gagatcgagg ctggcataca cgggctgggtc agtatgacat ttaaagtga 900
aaagccagaa tattgagtta tttcttaaca agtttcgaga gagaagtga caagacaaga 960
gcaagcaacg gctattaaat gtcacaatcc ttttaattaga aaccatttat tggccggacg 1020
cggtcgtcac gcctgtaatc atagcacttt gggaggccga ggccgggcggc tcacgaggtc 1080
aggagatcca gaccatcttg gctaacaggg tgaaaccccg tctctactaa aaatacaaaa 1140
aattagccgg gcgtggtggc gggcgcttt agtcccagct actctggagg ctgatgcagg 1200
agaatcaatt gaaccctgga ggcggagctt acagtgaagt gagattgcgc cactgtactc 1260
ctgggcaaca tgcggatccg tctcaaaaaa aa 1292

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<210> 8048
<211> 1782
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (101)...(1214)
<223> similar to gi5262487 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8048
tttcgtggct gcgtggtacg ccatggtgac agggctgttc ccggggaggc tgtgatgggt 60
tgacagggtgc gtgacagtgg gagctgctct cggcacaagc atgtacggca aaggcaagag 120
taacagcagc gccgtcccgt ccgacagcca ggcccgggag aagttagcac tctacgtata 180
tgaatatctg ctccatgtag gagctcagaa atcagctcaa acatttttat cagagataag 240
atgggaaaaa aacatcacat tgggggaacc accaggattc ttacattctt ggtggtgtgt 300
attttgggat ctctactgtg cagctccaga gagacgtgaa acatgtgaac actcaagtga 360
agcaaaagcc ttccatgatt acagtgtctg agcagctccc agtccagtgc taggaaacat 420
tccccagga gatggcatgc cagtaggtcc tgtaccacca gggttctttc agccttttat 480
gtcacctcgg taccctggag gtccaaggcc ccattgagg atacctaatc aggcacttgg 540
aggtgtccca ggaagtcagc cattactccc cagtggaatg gatccaactc gacaacaagg 600
acatccaaat atgggtgggc caatgcagag aatgactcct ccaagaggaa tgggtgccctt 660
aggaccacag ttcttgacct cttgggttatc attacagaac tatggagggtg caatgagacc 720
ccactgaat gcttttaggtg gccctggaat gcctggaatg aacatgggtc caggtggtgg 780
tagaccttgg ccaaacccaa caaatgccaa ttcaatacca tactcctcag catctcctgg 840
gaattatgta ggtcctccag gaggtggagg gccaccagga acacccatca tgcctagtcc 900
agcagattca accaactctg gtgataacat gtatacttta atgaatgcag tacctcctgg 960
acctaacaga cctaattttc caatgggccc tgggtcagat ggtcccatgg gtggattagg 1020
aggaatggag tcacatcaca tgaatggctc tttagggtca ggagatatgg acagtatttc 1080
caagaattct cccaataata tgagcctgag taatcaaccg ggcactccaa gggatgatgg 1140
cgaaatgggg ggaaatttct taaatccttt tcagagtga agttactccc ctagcatgac 1200
aatgagcgtg tgatccatta ccaagtctcc tcatgaaaac cacagtgaat cagcccttca 1260
cagaactact acggaagaaa attattcatc acagtgtaca gttaaacaaa ggaatctcag 1320
tcacacccaa ccaacctttt tatttcctgc tctctcccct cttttgtgaa gaaagcgggt 1380
ccaaatgtga ttcaacaac tgtacggagt ggcatattag aattgcccta aactgaactg 1440
caaataatta tgtgtgtatg tatatgtgtg ggaaagagaa tgtactgtat atgtgtatgt 1500
tatacacaca tatacacata catacattga cccacaggac attgtaaaat attatcacat 1560

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gacatcttaa	gtagaaataa	gtagggactt	ttattccatc	ctttttttca	cgtttacatt	1620
ttaattatta	caagttgctc	ctgccccctc	cctgaactat	tttgtgctgt	gtatatcact	1680
gctttatata	agttatTTTT	taaggTgaac	tcagatgtta	tggTTTTgta	aatgtctgca	1740
atcatggata	ggaataaaaT	cgcttatttg	agagctttca	tc		1782

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<210> 8049
<211> 2240
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(692)
<223> similar to gil63722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8049						
tttcgtgcgc	ggcagcggca	ggaccgccgt	ggcgcctaga	gtagcgaccc	gggggggagcg	60
cggggcgacg	ctggctgcag	ggaccgggtg	acagcgtgag	aggttcgcag	agtactaggt	120
tttgacaagc	ttgcatcatg	cgtgagtata	agctagtcgt	tcttggctca	ggaggcggtg	180
gaaagtctgc	tttgactgta	caatttgttc	aagggaatttt	tgtagaaaaa	tacgatccta	240
cgatagaaga	ttcttataga	aagcaagttg	aagtagatgc	acaacagtgt	atgcttgaaa	300
tcttggtac	tgcaggaacg	gagcaattta	cagcaatgag	ggattttatac	atgaaaaatg	360
gacaaggatt	tgcattagtt	tattccatca	cagcacagtc	cacatttaac	gatttacaag	420
acctgagaga	acagattctt	cgagttaaag	acactgatga	tgttccaatg	attcttgttg	480
gtaataagtg	tgacttggaa	gatgaaagag	ttgtagggaa	ggaacaagg	caaaatctag	540
caagacaatg	gaacaactgt	gcattcttag	aatcttctgc	aaaatcaaaa	ataaatgtta	600
atgagatctt	ttatgacctt	gtgcggcaaa	ttaacagaaa	aactccagtg	cctgggaagg	660
ctcgcaaaaa	gtcatcatgt	cagctgcttt	aataactata	atgcattgta	gctctgagcc	720
aggtctgaag	aactggtgcc	caattcaaca	gtgccagcat	tccaactttg	ttaaacctac	780
caacatctta	aatggacttt	cctgtggtgg	taccctttta	gaggcggatg	aaagctacta	840
tatcagtttg	cacattctaa	tacttttcca	gtatcacaag	agagattttt	acttatataa	900
tagtcctaga	gtttgcagct	ggtaaaacca	gaggctacat	ccagtattac	tgctaagaga	960
cattcttcat	ccaccaatgt	tgtacatgta	tgaaaatggt	gtactgtata	ctttaacatg	1020
ccccatactt	tgtattggag	agtacaataa	tgtaaatcct	aaaagcacca	ctatttttagc	1080
ataataaaaag	aaagtccaaa	gagctcctat	atagactact	ccagataact	tcgcttcttt	1140
gatacttgta	gcttattgta	atTTTTTTT	agaaattcaa	ggtcattatt	attgtacaaa	1200
ataagcgctt	tgattaacac	agctatatag	TTTTTTTaat	TTTTAAAAA	cctgtggaga	1260
cggatgatctt	gtcttttaaa	catgatagtc	ctttcagtat	aatgtcttag	attaaagacg	1320
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ttcctttttt	tgtttacata	gggaacaatg	tttatagtcg	tgtgtacagt	gggggtctac	1440
aacaagaagt	gtatatTTTT	aaacaatttt	ttaatgattt	aacaattttt	gtaaatcatt	1500
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tatttgcaat	accaaataata	caggtttagt	atTTTTgcct	gttagtgatt	gtttcacatg	1620
tgtaacgttt	tggttgagat	gttaaattgt	ggacgagtac	tgtggatgtg	aatgtgggaa	1680
gtaattttta	tcatatgtaa	ttggtcacaa	ggcctaattt	gcagtaacta	ttgctgtttt	1740
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atccaacagg	gagccacagt	atttaaattg	accaacctaa	tgttacaact	actttgaggt	1860
ggccaaatgt	aaactaaaag	ccttaattaa	agtggTgcaa	ttttgtataa	cttagcatca	1920
gtagttcaat	aaatttgcac	cactttaatt	aaggctttag	tttacatttg	gccacctcaa	1980

```

agtagttgta acattagggtt ggtcaattta aatactgtgg ctccctgttg gatagacaca 2040
caatctttac atccaaacat taatgcatac aaagcaacaa ggcattgtta aataaaacag 2100
caatagttac tgcaaattag gccttgtgac caattacata tgattaaaat tacttccac 2160
attcacatcc acagtactcg tccaccattt aacatctcaa ccaaaacgtt acacatgtga 2220
aacaatcact aacaggcaaa 2240

```

```

<210> 8050
<211> 496
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (423)...(92)
<223> similar to gi57119 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8050
tttttttttt ttaaggtagt aagtttttta atccacttaa aaatacaaga gcacaaatcc 60
acatttatatt attgattttt cgttagttta aatccttgag gggtagacga tcaactcgat 120
tctgtgtcca atggccttag caggaagatt gcttcggaat ttggcacgaa ccatgccact 180
gtttccatgg gcccgagtta cttttcccca gatgactctg gttttgtttg gtttgccgcc 240
aggagtgact gtgttgttct ttgctttata tacataagcg catctcttgc ccaaatagaa 300
ttctgtttca tctcgggcgt aaacaccttc aattttaaga agagctgtgt gtcctctttg 360
gttcgggaga ccccgcttat agccagcaaa aatggccttg gaccacagcc ttccagacat 420
agttcctttt agaagtcccg ctcccagcag gccccacag gagccaagat ggcggttaaga 480
gaaagcgggg ggggggg 496

```

```

<210> 8051
<211> 1956
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1957)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (50)...(1496)
<223> similar to gi4678722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	8051					
tttcgtctca	agcaggattc	ttcccagagtc	cctggcatcc	tcagaagcct	caactctgga	60
ggcaatgggt	cgaaggaag	aagatgactg	cagttccttg	aagaaacaga	ccaccaacat	120
ccggaaaacc	ttcattttta	tggaagtgtc	gggatcagga	gctttctcag	aagttttcct	180
ggtgaagcaa	agactgactg	ggaagctctt	tgctctgaag	tgcatcaaga	agtcacctgc	240
cttccgggac	agcagcctgg	agaatgagat	tgctgtgttg	aaaaagatca	agcatgaaaa	300
cattgtgacc	ctggaggaca	tctatgagag	caccacccac	tactacctgg	tcatgcagct	360
tgtttctggt	ggggagctct	ttgaccggat	cctggagcgg	ggtgtctaca	cagagaagga	420
tgccagtctg	gtgatccagc	aggtcttgtc	ggcagtgaaa	tacctacatg	agaatggcat	480
cgtccacaga	gacttaaagc	ccgaaaacct	gctttacctt	acccctgaag	agaactctaa	540
gatcatgata	actgactttg	gtctgtccaa	gatggaacag	aatggcatca	tgtccactgc	600
ctgtgggacc	ccaggctacg	tggtcccaga	agtgtctggc	cagaaaccct	acagcaaggc	660
tgtgatttgc	tggtccatct	gcgtcatcac	ctacataattg	ctctgtggat	acccccatt	720
ctatgaagaa	acggagtcta	agctttttcg	gaagatcaag	gagggctact	atgagtttga	780
gtctccattc	tgggatgaca	tttctgagtc	agccaaggac	tttatattgcc	acttgcttga	840
gaaggatccg	aacgagcggg	acacctgtga	gaaggccttg	agtcattccct	ggattgacgg	900
aaacacagcc	ctccaccggg	acatctacct	atcagtcagc	ctccagatcc	agaagaactt	960
tgctaagagc	aagtggaggc	aagccttcaa	cgcagcagct	gtggtgcacc	acatgaggaa	1020
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aactcaagcc	tcagaaacct	ctagacccag	ctcccctgag	atcaccatca	ccgaggcacc	1140
tgtcctggac	cacagtgtag	cactccctgc	cctgacccaa	ttaccctgcc	agcatggccg	1200
ccggcccact	gcccctggtg	gcaggtccct	caactgcctg	gtcaatggct	ccctccacat	1260
cagcagcagc	ctggtgccca	tgcatcaggg	gtccctggcc	gccgggccct	gtggctgctg	1320
ctccagctgc	ctgaacattg	ggagcaaagg	aaagtcctcc	tactgctctg	agcccacact	1380
cctcaaaaag	gccaacaaaa	aacagaactt	caagtcggag	gtcatggtac	cagttaaagc	1440
cagtggcagc	tcccactgcc	gggcagggca	gactggagtc	tgtctcatta	tgtgattcct	1500
ggagcctgtg	cctatgtcac	tgcaattttc	aggagacata	ttcaactcct	ctgctcttcc	1560
aaacctggtg	tctatccggc	agagggagga	aggcagagca	agtggagcag	ggcttagcag	1620
gagcagtttc	tggccagaag	caccagcctg	ctgccagcgg	ggcagcccct	cataggaggc	1680
ccaggagggg	gccccaaagg	gtagaagcct	tgttgaagct	gtgagcagga	gaagcgggtgc	1740
ccaccagctt	ccaggtcttc	ctgacctgcc	tgctctatgc	cccacaccct	acgtggccgt	1800
ggctctgtgc	agtgttacgt	tagatagctc	tcgcctgggt	ctgtgctggt	tgtcgtgaaa	1860
agcttaatgg	gctggccagg	ctgtgtcacc	ttctccaagc	aaagccatat	ggagcatcta	1920
cccagactcc	cactctgnac	acactcactc	ccacct			1956

<210> 8052

<211> 2243

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (341) \dots (835)$$

<223> similar to gi7347 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8052

tttcgtgtcg	gagcgagcgc	gagtgaggag	acccccgcgc	ggccactggc	acttgcttct	60
gcggcgagtc	ccacccacga	ccgcagccca	gcaactcgca	aacqcaacct	gaagcctggg	120

ctgcgcagtg	tgggagggct	tcgcgatctt	gggggaccca	ttccgaactt	gcagaggacc	180
gtagctctcc	tggcctggag	agtgtgaaca	ggattgtgga	ctcttccaag	attcacaatg	240
atatggtgaa	tccaaagact	ggaacccaaa	agatttactc	agtgccttag	ttttaacaac	300
agtaaattgt	ctaccaacac	ccatcatggc	taaaagtgcg	gaggtcaaac	tggcaatatt	360
tgggagagca	ggcgtgggca	agtcagctct	tgtagtgaga	tttctgacca	aacggttcat	420
ctgggaatat	gatcccaccc	tcgaatcaac	ctaccgacac	caagcaacca	tcgatgatga	480
agttgtttcc	atggagatac	tagacactgc	tggtcaggaa	gataccattc	agagggaggg	540
gcacatgcga	tggggggaag	gctttgtgct	ggtctacgac	attactgacc	gaggaagttt	600
tgaggaagtg	ctgccactta	agaacatcct	agatgagatc	aaaaagccca	agaatgtgac	660
tctcatcttg	gttggaacaa	aagctgactt	ggaccactcc	aggcaggtta	gcacagaaga	720
aggagagaag	ctggccacag	aattggcttg	tgctttttac	gagtgcctctg	cctgcactgg	780
agaaggggaa	atcacagaga	tattctatga	attgtgtcga	gaggtgcgtc	gccggaggat	840
ggtgcagggc	aagacgaggc	gacgcagctc	caccacgcat	gtcaagcaag	ccattaacaa	900
gatgctcacc	aaaatcagta	gttaggcagc	ccagctgagg	tggaccaact	aattggaaac	960
actcttcccc	ttctgttccc	ctttcaaaaa	taaaacaaaa	tattgcattc	tttgtttgga	1020
ttctgagaaa	tgtctgggct	tcccattgtt	tctggcctct	aataggtttg	gaagttttag	1080
cgtgttttat	gcaatttcag	tgctaacaat	ttcttccttt	cctgcttgaa	taagatacac	1140
tctaattggca	tttgaacatg	taatcaccag	agattctgaa	atgactgggt	tatgttaagc	1200
tatttttagg	catcttcacc	ttgctttaag	taggttgaag	tttttgcaaa	ggcattttaa	1260
aattcaattt	cttgtcagat	actacaaata	attttcttaa	aagtctaaga	tagcagaaaa	1320
tacagtaaaa	acacaggaga	agaagctgag	ctattggaac	aggaaataga	aggaactcta	1380
gtttctgttt	gaagtgagga	ttttctgaat	tatctaatat	catctagggt	ttcttttaaaa	1440
ttttattttg	ttcttcagtt	caagcatctt	ctcactaatg	tttttcacta	taacagagaa	1500
ttcatttcaa	tttgagtttg	ttctctcaat	gatctattga	tcattacacc	ctaactctcc	1560
ttccttggtc	caaacaatat	tttccctata	acaaaggcaa	taggacacaa	aattcacatc	1620
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aaccctgact	ttattgaatg	ctagtagaag	atgtagaatt	agagacatct	gatttgttta	1740
tcaccttagc	agaaaaacca	cagtccaaaa	gacaagcaaa	ttaagaatgg	agcttaacca	1800
tgctccatt	gggaagtcta	gactttgagc	caggtagagt	aagaaaaatt	agcctctgat	1860
tcattaagtt	tgccacatga	cttattttga	tattttggat	acattaactc	acttaggaga	1920
attcagaaaa	gaatgggtga	ttaaagttca	ttacagctga	ataaatgtgt	ctaaaacaga	1980
ctcttgatt	ctgaaagtac	agtctacaac	tgataaaacc	ttatgattct	tttctcccc	2040
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ttacatatgt	atgtatttat	aaatgcatag	atatatgtat	aaaaatttgt	aagcgtagc	2160
ggcattaatt	caccaatgca	tttggaaca	ttgatgtaac	tgactttatt	ttatgtgact	2220
ataataaaaa	gcataatttt	ctc				2243

<210> 8053

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (125)...(895)

<223> similar to gi4416432 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8053

tttcgtgttg acaattacgt ctgggtccaa gcaaacatga ggcagctgcc agccggcctg 60

ggcagtcttg	tctgcctcgg	ctgtgaagtg	gggaggctgg	caacagtttt	cttcagcgcc	120
caggatgcag	ccggctaagg	aagtgacaaa	ggcgtcggac	ggcagcctcc	tgggggacct	180
cgggcacaca	ccacttagca	agaaggagg	tatcaagtgg	cagaggccga	ggctcagccg	240
ccaggctttg	atgagatgct	gcctgggtcaa	gtggatcctg	tccagcacag	ccccacaggg	300
ctcagatagc	agcgacagtg	agctggagct	gtccacgggtg	cgccaccagc	cagaggggct	360
ggaccagctg	caggcccaga	ccaagttcac	caagaaggag	ctgcagtctc	tctacagggg	420
ctttaagaat	gagtgtccca	cgggcctggt	ggacgaagac	accttcaaac	tcattttacgc	480
gcagttcttc	cctcagggag	atgccaccac	ctatgcacac	ttcctcttca	acgcctttga	540
tgcggacggg	aacggggcca	tccactttga	ggactttgtg	gttggcctct	ccatcctgct	600
gcggggcaca	gtccacgaga	agctcaagtg	ggcctttaat	ctctacgaca	ttaacaagga	660
tggctacatc	accaaagagg	agatgctggc	catcatgaag	tccatctatg	acatgatggg	720
ccgccacacc	taccccatcc	tgcgggagga	cgcgccggcg	gagcacgtgg	agaggttctt	780
cgagaaaatg	gaccggaacc	aggatggggg	agtgaaccatt	gaagagttcc	tggaggcctg	840
tcagaaggat	gagaacatca	tgagctccat	gcagctgttt	gagaatgtca	tctaggacac	900
gtccaaagga	gtgcatggcc	acagccacct	ccacccccaa	gaaacctcca	tcctgccagg	960
agcagcctcc	aagaaacttt	taaaaaatag	atgtgcaaaa	agtgaacaga	ttgctacaca	1020
cacacacaca	cacacacaca	cacacacaca	cacacagcca	tttatgtggg	ctggcagagg	1080
ggacagagtt	caggggagggg	ctgagtcctg	ctagggggcc	gagt		1124

<210> 8054

<211> 1659

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (296)...(1454)

<223> similar to gi4680673 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters.

<400> 8054

cgacgatttc	gggttgctg	ctgccagcgg	gaactgtgta	ggggtagatt	ttcgctgcag	60
tgttccccga	gcctgttaga	cgcagcgcgc	cgggagactg	agagaggaaa	ggatagagga	120
agtgtgccc	taggctgcat	gagtcgaagc	aagcgtgttt	ccttcccgcc	aggcaagtgc	180
ccttagaaac	cgggccccgc	cccttccctg	gcctgcattc	ccatcccctc	tcccggggcg	240
gaggtgagga	cctccttggt	tcctttgggt	ctgtcagtga	gccccttcct	tggccatgaa	300
gctcgtgagg	aagaacatcg	agaaggacaa	tgcgggccag	gtgaccctgg	tccccgagga	360
gcctgaggac	atgtggcaca	cttacaacct	cgtgcagggtg	ggcgacagcc	tgcgcgcctc	420
caccatccgc	aaggtagaca	cagagtcctc	cacgggcagc	gtgggcagca	accgggtccg	480
cactaccctc	actctctgcg	tggaggccat	cgacttcgac	tctcaagcct	gccagctgcg	540
ggttaagggg	accaacatcc	aagagaatga	gtatgtcaag	atgggggctt	accacaccat	600
cgagctggag	cccaaccgcc	agttcacccct	ggccaagaag	cagtgggata	gtgtgtgtact	660
ggagcgcac	gagcaggcct	gtgaccacgc	ctggagcgct	gatgtggcgg	ctgtgtgcat	720
gcaggaaggc	ctcgcccata	tctgcttagt	cactcccagc	atgaccctca	ctcgggcca	780
ggtggagggtg	aacatcccta	ggaaaaggaa	aggcaattgc	tctcagcatg	accgggcctt	840
ggagcggttc	tatgaacagg	tgggtccaggc	tatccagcgc	cacatacact	ttgatgttgt	900
aaagtgcac	ctggtggcca	gccaggatt	tgtgaggggag	cagttctgcg	actacatggt	960
tcaacaagca	gtgaagaccg	acaacaaact	gctcctggaa	aaccgggtcca	aatttcttca	1020
ggtacatgcc	tcctccggac	acaagtactc	cctgaaagag	gccctttgtg	accctactgt	1080
ggctagccgc	ctttcagaca	ctaaagctgc	tggggaagtc	aaagccttgg	atgacttcta	1140



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actaatctac tcctaaagcc ttgagttgcc gttcaatctc ttcattctgag attgtagcct 1740
ttgaagtaga ggcagatggg aagcttcgag cagctgatgg agctttggcc atctttccag 1800
aaatttcaat tccaatttca tcaagaactt gattcacaat atcctggctt tcttcttcgt 1860
catcagaacc gtcaaagatg tcatcaagtg tatcattgat catttcttca gtcattttcca 1920
ttttcatggt ttccttcttg aaattctgca tgggttgtaa tgtcttttgt ggatccatct 1980
tcttgtaaac tgcttgcat gtttttgctg tggtagacat tgctccagcc atcttcattt 2040
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tattaccaat cttggccatt ttcttaattt ctaattccag ctgtttttct tgtttctcta 2220
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ttattacatc atccacgggt ttcttcttga agagggacgc catgggttaa gactgogccc 2340
gggcggcccc gctcggcccc gtccggcccc acgctggcaa aggacaggag gaaaaggaca 2400
ggaccttggt ggggttcgggg tggcgggagc gagagacagc aggaggaggt cggggtcgcc 2460
aggcaggacc cgcggaaggc ttgtatccgc agctaccgca gccgcgtcac ccggagctca 2520
ggtgaccggg                                     2530

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<210> 8056
<211> 2543
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (277)...(2313)
<223> similar to gi5912256 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8056
acgatttcgt cgagtccaaa atggcgggctc tcaggctggc gcgctccgtg ctgctggggc 60
tttgaggtgg tcgcgggggg tccgggggac cctttccccg ccgcggaagc cctagaggat 120
gaatcgggga ccctgctaag gtctggcggc ggggctggag agcagtggca gcaagggtcg 180
cggtggcgtc cagcgagcgg gatgtgcgag agttactcca ggctcgttgt gaggggtctcg 240
gtggcgcaga tctgccaggc gctgggctgg gactcgggtg agctcagcgc ctgccacctc 300
ctcacggacg tgctgcagcg ctatctgcag cagctgggcc ggggctgcc a tcggtactct 360
gagctctatg gccgaacaga cccaattttg gatgatgttg gtgaagcttt ccagctgatg 420
ggggttagtc tacatgaact agaagactat attcacaaca ttgagcctgt caccttccca 480
caccaaattc cgtcatttcc tgttagcaag aacaatgtac ttcagtttcc tcaacctgga 540
agtaaagatg cagaggaaaag aaaagaatac attcctgatt acctgccacc cattgtgtct 600
tctcaagaag aagaagaaga agagcagggt cccactgatg gaggcacatc agcagaagcc 660
atgcagggtt ccttggaaga agatgatgaa ttggaggagg aagaaattat taatgatgag 720
aatttctctg gcaagagacc actggatagt cctgaagctg aagaactgcc agccatgaag 780
cggcctcggc tattaagcac taaaggggac acgctagatg ttgtgttatt ggaagctcga 840
gagccactca gctcaataaa tactcaaaaag atcccaccaa tgctttctcc agtccatgta 900
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aaatcacaaa tgccaactgc aaaaccatta gaaacaaagt catttacacc taaaacaaag 1020
actaaaacta gctctccagg acagaagact aaatcaccta aaaccgcccc gtcaccagca 1080
atggtcggaa gtcctattcg atcaccaaaa actgtatcca aagaaaagaa atcacctgga 1140
cgttccaaga gccccaaagag tccaagagc cccaagggtc cgactcatat tccccaaaca 1200
cctgtgagac ctgaaacgcc caacaggact ccttcagcta cactcagtga aaaaatcagt 1260
aaagagacta tccaggtaaa acaataacag acacccctgt atgctgggaa actgaacagt 1320

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gagaatcagc	cgaaaaaggc	tgtggtagca	gataaaacga	ttgaggcctc	tatcgatgct	1380
gtgattgcac	gagcctgtgc	tgagcgagag	ccagatcctt	tcgaattttc	ttctggatcg	1440
gaatctgaag	gagacatfff	tactagccct	aagagaatff	caggcccgga	gtgtactact	1500
cccaaagctt	ccacttccgc	gaacagtttc	acaaagtcag	gatccactcc	tctgcctcct	1560
tccggtggaa	cctcaggttc	cgataactca	tggacaatgg	atgcctccat	tgatgagggt	1620
gtacgtaaa	caaaactggg	aacaccttca	aatatgcccc	ccaactttcc	ttatatctct	1680
tctccgtcag	tgtctcctcc	cactcccga	cctctccaca	aggtgtatga	ggagaaaacc	1740
aagctgcctt	cctccgtgga	ggtaaagaag	aagttgaaaa	aggaactaaa	gactaaaatg	1800
aaaaagaaa	aaaagcagag	agatagggag	agggaaaaag	acaagaacaa	ggacaaaagt	1860
aaggagaagg	ataaagtga	agagaaagag	aaagacaagg	aaactggcag	ggaaacaaag	1920
tatccctgga	aggaatttct	taaagaggaa	gaggcagatc	cctacaagtt	taaaatcaaa	1980
gaatttgaag	atgttgatcc	caaagtga	ttgaaagatg	gacttgtgag	gaaggagaaa	2040
gagaagcata	aagataagaa	gaaagataga	gagaaaggca	agaaagataa	agataagaga	2100
gagaaagaaa	aagtgaaga	taaaggcaga	gaagataaga	tgaaagcccc	agcaccacca	2160
ctggtgttgc	ccccaaaaga	gttgccctg	ccctgttca	gccctgccac	agcctccagg	2220
gtcccagcca	tgctgccatc	ttgttgcca	gtgcttcagg	aaaaactgtt	tgaggagaaa	2280
gagaagccga	aggagaaaga	aaagaaaaag	gacaaaaagg	agaagaagaa	aaagaaggaa	2340
aaagagaagg	agaagaagga	gaaggaaaga	gagaaagaga	agagagagcg	agagaagaga	2400
gaaaaagaga	aggagaaaca	caagcatgaa	aaaataaaag	tggaaccagt	cgctctggcc	2460
ccgagtccag	ttatccccag	attaactctc	cgagtcggtg	ctggccccga	caagataaga	2520
agaagaagag	caggtgccca	ctg				2543

<210> 8057

<211> 1085

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (355)...(272)

<223> similar to gi5690333 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8057

tccgtaggaa	gtttggccca	atatgtcccc	cccccaaat	aaaggccct	cccaaaaatt	60
cccaagtagc	agattttcca	gtccccacgt	tgttaaaaca	cgggcaaggc	ctagggtata	120
aataggcccc	ccataaggaa	aaaactatta	cctcgcaagc	acgggtaaac	ttgggcccc	180
caagggatcc	tttaaaacgg	ccgccccctt	ttttttttt	tggctattta	tttatttatt	240
ttttaataa	agattgggtc	ttatctcact	ctggtgcca	ggctgatctt	gaactcctgg	300
gctcaagcag	tcctcccacc	tcagcctccc	aaagtgtctg	gattacaggc	atgtgccgtc	360
acacccagcc	ctgcttggtt	taaaagggga	ctttttttt	tcttaatgga	aaaaaatgaa	420
acagagagcc	aaaagctttt	aactgttggt	ttttctttt	cttcaatgaa	agcctctcat	480
tttgaaaaga	catgtttttc	ttcaagcaac	aaagggtgga	gaggaaattc	ctcaactttc	540
tcaacgagtc	atgtaacggt	acactggcct	ccataaagca	ccgattaaga	aagctaaaga	600
ataagatggt	gtattttctt	taaaataatt	taaaatatat	taaattttcc	taaggcaggt	660
tttgtttgaa	tgagggtgtc	tgattagata	actacatgcc	actgaaggag	aacagtactt	720
ttaaggagct	atttttgttt	cgcagtagag	ttgaaaccag	ctgattaatc	caatgaagtt	780
aaacagcaga	gacagatctc	gtacataaga	gtatcagcta	aagtcatgac	tacaccaatt	840
ctttacacaa	ttaagacatc	tttgcaactg	ttcaatttaa	gtactatggt	ttttagataa	900
tcgagaaaaa	cacagttgta	ccttaacatc	tgttgagaaa	atacaaataa	atatgatgct	960



aataaatggc	cactgataac	tcahtagcca	tctgaatagt	catgcggttt	agaatacat	1020
ccttgataaa	tctgacatac	aaatttgtca	tttctgcac	atgcacacca	ttgttaaaaa	1080
aaaaa						1085

```

<210> 8058
<211> 3637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (447)...(1339)
<223> similar to gi4838557 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8058						
agcgccgccc	gcgcgccagc	gggagggcgt	ccctctgccc	acctccgccc	cctgcggacc	60
gagacccgga	gatgtcgagt	tgtggagttc	ggctcggccc	ggcgacgggc	tagctgcccg	120
ggaacccccg	cgggtggaca	catgcatgcc	ggagctccgg	gaggggcccgc	gccgccaccg	180
tctgaactag	gatgtcccga	catgaaggtg	tcaagtgtga	tgcatgttta	aaaggaaatt	240
ttcgaggtcg	cagatataag	tgtttaattt	gctacgatta	cgatctttgt	gcatcttggt	300
atgaaagtgg	tgcaacaaca	acaaggcata	caactgacca	cccaatgcag	tgcatattaa	360
caagggtaga	ttttgattta	tactatgggt	gggaagcttt	ctctgtagag	cagccacagt	420
cttttacttg	tccctattgt	ggaaaaatgg	gctatacggg	gacatctctt	caagaacatg	480
ttactttctga	acatgcagaa	acatcaacag	aagtgatttg	tccaatatgt	gcagcgttac	540
ctggaggcga	tcctaatacat	gtcacggatg	actttgcagc	tcattcttaca	cttgaacaca	600
gagcccctag	agatttagat	gaatcgagtg	gtgttcgaca	tgtacgtaga	atgtttcacc	660
ctggccgggg	attaggaggt	cctcgtgctc	gtagatcaaa	catgcacttt	actagcagtt	720
ctactggtgg	actttcttct	tctcagagtt	catattctcc	aagcaatagg	gaagccatgg	780
atcctatagc	tgagctttta	tctcagttat	caggagtgag	acgttctgca	ggaggacagc	840
ttaattcctc	tggcccttcc	gcttctcagt	tacaacaact	gcagatgcag	ctgcagctag	900
aacggcagca	tgcccaggca	gcacggcaac	aactggagac	cgcacgcaac	gcaacccggc	960
gtactaacac	aagcagtgct	accactacaa	tcacacaatc	cacagcaaca	accaacatag	1020
ctaatacaga	aagcagtcag	cagactctac	agaattccca	gtttctttta	acaaggttga	1080
atgatcctaa	aatgtctgaa	acggagcgcc	agtccatgga	aagcgagcgt	gcagaccgca	1140
gcctgtttgt	ccaagagctc	cttctgtcca	ctttagtgcg	tgaagagagc	tcacctcag	1200
atgaggatga	tcggggggag	atggcagatt	ttggtgctat	gggctgtgta	gatattatgc	1260
ctttagatgt	tgcttttagaa	aacctaaatt	taaaagagag	taataaagga	aatgagcctc	1320
caccacctcc	tctttgatga	catcccaatt	cgcagacaat	gtcctctgtg	ctgtatttgc	1380
caatgaaagt	ggacaacaac	tatcttgggt	ttgtttgggt	attgtaattt	caggtctgtc	1440
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cacttaacta	atTTTTactt	ctagcaggta	aatgtaggta	gcagtgcagg	ggtgatctct	1560
gcttcctgta	ccttgacatg	caaaaggctc	tcctaatact	ccacattcaa	actgaagagg	1620
aaaattgaaa	tctctaataga	agctgctgtg	tgtatttatg	aatattaatg	aataaaaact	1680
gcttggtatg	tttaccttaa	ctactgcatg	aggttttttg	cagcgtgcat	gagttttagt	1740
gaccttgtta	tttaagaagt	taaatacaag	gagtaaaact	taaaaaaaaa	atacaaagcc	1800
caaagctttc	ccaaacatta	ttcaatggtt	acacgacgaa	gtaggctttt	gaataatgtc	1860
tgctgaatc	acctttcttt	gtgtgcctcc	tacgcacaaa	gccagctctg	cagtgggaat	1920
ctgggggatt	atagccgggt	gtggcactcc	gccctgtgtg	actgtcctgt	cgccctgtta	1980
gtcatcttgc	ctgtgtggag	ctcagcctgt	ctctttaact	catctgtaga	agacacacca	2040

gtaaagctac	tgttggaaac	tgctgcaggg	gcctttgtgt	gccctaaaaa	caaatcctgt	2100
tcatgtttgt	ttaaagtttt	tactttttgt	ggttgtttta	aattttttca	attgttaa	2160
atgttttatt	caggtgtaga	tgaatttcat	ttattgactg	ttcaacagag	ttaacctgaa	2220
ttatgttgct	tttgttttta	aaaatctcac	attctcaatc	atattttgca	ttatttatgt	2280
atttgctttg	tagtttgctg	agacagatca	gtatcagggg	agctttgagg	atttgccttc	2340
ccagatttgt	cagtataatta	caaccaaatt	cttaatgcta	atttttagcac	cttttatatta	2400
ttgggttttt	tctggcataa	aaagtaaagc	cttttaattg	aatcatgcc	cctatatgcc	2460
tatattatta	atcctatgtg	taaaaaaaat	gtacagcttt	ttttgggttt	gttttgggg	2520
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tagctccaag	gcagggacag	cgggtttggg	ggttgggagg	gcagtttttg	gaatgtaaat	2640
ttaggacttt	taaaaagggtg	cgcacagctt	ctgataaatt	tataactaga	cttaacctaa	2700
tcatgtctcg	ttccagttct	cttttctctg	agcccttttc	aaagtctcct	ctctttctcc	2760
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acaaaaaag	aagtcaccct	acatgtctga	aaaactgttg	cttctcctct	gaaacttcaa	2940
actccaacga	tttccaaata	caatagcttt	gttttcttta	gttctgtaat	ggataatgtt	3000
taaaggaaaa	ctttacacca	ggcttctggg	tacactagaa	gtcaagccca	ttagggattt	3060
tcatTTTTTT	tcatTTTggt	gttgagaagt	ttcaaaaatc	agttttcaag	ctgtggtctt	3120
tcaaacacat	ctgcacataa	gtcacacatt	tcaataaagc	attttcaaga	ctgttgacca	3180
cttgaatttc	tttgggtgta	gtggattaac	ctaaccatta	ctctgagatt	ttatatctct	3240
aatccagtat	tttttttctt	tttatgctaa	acatgggaga	tcctgggtttt	gtgtgaatgc	3300
attatTTTtg	atgtgagaaa	taaatgccaa	ttatatgtac	tttccctttt	ctgcacaaat	3360
tctgggaaaa	tgtaaaagcc	ttcatttttt	aacatgggtt	tagggaacaa	ctgtaagtcc	3420
attcagagca	gttttaattta	gatgatcact	tttaacactg	cagaagacct	aaggagtcat	3480
aagattccat	ctcatgtaga	atactgtata	ttaattattt	ttaccagat	attttacaaa	3540
tacctcacct	catcctgtat	gtaatcaata	atgtattatt	ttagggtaga	acgacacaga	3600
atatcaatat	aaaaatatat	tcaagccctt	gaaaaaaa			3637

<210> 8059  
 <211> 1592  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (102)...(803)  
 <223> similar to gi5832945 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8059						
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tctcggcgct	gagcctgggc	gaactggcgc	tcagcttctc	gcgggtgccg	ctcttccccg	120
tcttcgacct	cagttacttc	atcgtctcca	tcctctacct	caagtatgag	ccaggagcag	180
tcgaactgtc	cggcgccac	ccatcgcggt	cctggctgtg	cgccatgctg	cattgcttcg	240
ggagctacat	cctggctgat	ctgctccttg	gggagccact	gatcgattac	ttcagcaaca	300
actccagcat	cctgctggcc	tcagctgtct	ggtacttgat	tttcttctgc	cccctggacc	360
tcttctacaa	gtgtgtctgc	ttcctgcctg	tgaactcat	cttcgtggcc	atgaaggagg	420
tgggtgcgagt	ccgcaagatc	gcgggtggga	tccatcacgc	ccatcaccac	taccaccacg	480
ggtggttcgt	catgattgca	actgggtggg	tcaaagggtt	tgggtgtcgc	ctcatgtcca	540
actttgagca	gctgctccga	gggggtctgga	agccagagac	caacgagatc	ctgcacatgt	600

```

ctttccccac caaggccagc ctgtatggag ccatcctctt caccctccag cagacccgct 660
ggctcccagt gtccaaagcc agcctcatct tcatcttcac cttgttcatg gtgtcctgta 720
agggtgtttct gacagccacc cactcacaca gctccccctt tgatgccctg gagggctaca 780
tctgccccgt gctgtttggg tcggcctgcg ggggtgacca tcaccacgac aacctgggtg 840
gggtccacag cggtggtggg ccaggagctc agcattcggc catgcccgcc aagtccaagg 900
aggagttagg cgagggctcc aggaagaaga aggccaagaa ggccgattag ggggtggccc 960
aaggggcacc ggggagagga cccggaccca ggaccctctg agctgggagg cttcctgcgc 1020
tcagatctat cctttcctgg ccttgacttc cccatctgca aatcagggtc attggtcac 1080
cctccagggc tgatgtgggg gttgagatat ggggatgagg atgaagaact tttgtagaaa 1140
tcgggggttc ctctttctct ctgccaggac cccatagagt cacagctttt ggaggggttc 1200
acagaatcct ggcagcagct ccagtcaaga atgtcactgg ttggcatgat attcttagtt 1260
ctatttttcc ttctttaaaa ttgcatcttg accaggcaca gtggctcatg cctataatcc 1320
tagcactttg ggaggccgag gcgggcagat cacctgaggt caggagttca agaccagctt 1380
ggccaacatg gtgaaacccc atctctacca aaaatacaaa aattagccag acgtggtggt 1440
gcacgccttt aatcccagct actcgggagg ctgaggcagg agaatcacat gaatccagga 1500
ggtggagggt gcagtgagct gagatcttcc cactgcactc cagcctggcc aataagacct 1560
gtctccagca agaccctgtc tcaaaaaaaaa aa 1592

```

```

<210> 8060
<211> 1587
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (730)...(661)
<223> similar to gi4104806 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8060
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gtactactga gtttggttaa atgtacccat tatttactca aaatatattat tgttacaaga 180
aaaccgtaag aagcttgtgt aacatgaaca gcaagtattg aaaacgaata tgtaaagtaa 240
atggttttgc cctgactaaa tcagcctcag tattttatgc ttttagtaga aaagccatt 300
aaacaaaata gaatcctggg ggatcaaate atatgaatga ttcattgaaat aacattctg 360
aagcaacccc agaatcatat aaatgtaagg gttaaagggtc atatgtacta agcatgggtc 420
agaggaatag aatggatttg ttaattttac cctaaataaa aggcgcttgt gggcaacagc 480
tctgccatca atacacatgg gcagatgttt ccgaatccag ccattcccag atttactga 540
catgcccttt tccacaggct cctgctgat gagatttccc cagcagcaga agtttgacat 600
cactgctccc ggatgggaga atcagagctc tctcattttg ggtcaggggt ggctggctca 660
cgaggttttg tccaaccagc agaaccagct ccttggtatc tggaataaac caaacatcaa 720
tggtaccatg cgctctgtgc ccagggagtg aaaggcaggt ccaggggtggg aagaagaggg 780
gctgctacct tttggagtga aaaaaatgag gtttacactg tagtataaca aaatgccttt 840
ttgtaaaggc cagaagaaat tggctgtgct gtggctgccc tgaaagcaag aaaaaccttc 900
aatgtaccca ggtgaaatgt aaagcctttc tccctccac acacaatgga ctacccaggt 960
attaccctcc cactaccact tttgaccctc ataacaggca ccctggcggg ggggcagatt 1020
gatgttatca ccatttacca gatgaggaaa ctgaggcctg atgggcagtg atttgtgcac 1080
tgcgacatag gactcagtga agagcctagc cagctgacgg tcagctgact ggtgcactct 1140
ttccctcacc ttctctctca agggcacagc tacactcttt ctccaccatt attaacactc 1200

```

```
acagggcaca ggtagagcgt cccagacct gtgcaatatt ctacacgaaa acatttgga 1260
tgtgagcaat gtctgaacag gggcttgcca ggcacatctg atcaccataa atgctccac 1320
ccctgcctgt cctcacttgt gctgcactat gcaagcaagc agcaggttct cagaaggcca 1380
ctgtcctgca tgtcacaatg agtggccaac tccttcacag aacagcaaat agcagccctg 1440
gctacaagggt gcagtgtgca acccccatat gccaaggggc agctgctatc ttccagcaga 1500
gagagaaccc ccagctctgc tccctaccta tgccctgctt cctgtgcctc acacagccag 1560
ccttgctggc ctgctggcta ttgtctc 1587
```

```
<210> 8061
<211> 2694
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2695)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (136)...(976)
<223> similar to gi4691245 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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caggcgccac aaaaacgcgc tcgcgccggc gccgaaccgc aactcccggc gacccccgcg 120
ctcccggttg gcaagatggt ggcgcgcagg aggaagtgcg ccgcgcggga cccggaggac 180
cgtatcccca gccactggg ctacgcagct attccaatca agttctctga aaagcaacag 240
gcttctcact acctctatgt gagagcacac ggcgttcgac aaggcaccaa gtccacctgg 300
cctcagaaga ggactctttt tgtcctcaat gtgcccccat actgcacaga ggagagcctg 360
tcccgctcc tgtccacctg tggcctcgtc cagtctgtag agttgcagga gaagccggac 420
ctggctgaga gcccaaagga gtcaaggtag aagttttttc atcccaagcc agttccgggt 480
ttccaggtag cctacgtggt gttccagaag ccaagtgggg tgtcagcggc cttggccctg 540
aaggggcccc tgctggtgtc cacagagagc caccctgtga agagtggcat tcacaaatgg 600
atcagtgact acgcagactc tgtgcccgc cctgaggccc tgagggtgga agtggacacg 660
ttcatggagg catatgacca gaagatcgct gaggaagaag ctaaggccaa ggaggaggag 720
ggggtccctg acgaggaggg ctgggtgaag gtgaccgcgc ggggcggcg gctgtgctc 780
ccccggactg aggcagccag cttgcgggtg ctggagaggg agagacggaa gcgcagccga 840
aaagagctgc tcaacttcta cgctggcag catcgagaga gcaagatgga gcatctagcg 900
cagctgcgca agaagttcga ggaggacaag cagaggatcg agctgctgcg ggcccagcgc 960
aaattccgac cgtactgagc tgtgagagcc gcagtgaatg gctggagggt cagggccagg 1020
aggaggcgag gcagggcctg cagcgggtctc tgagaggccg agctctggcc aacggggccc 1080
aggttgaagg ccaccgcgtc caacagcccc atcagagtcc acacaggcca ggagggaagg 1140
accaggccac ccctcggttc ttgtgcttca gcagtccctg ggaccaggc gtgcccagag 1200
gaggacttgt ccttctctgt tcttgctcc acacctcct ctccaggacc ctggatgaat 1260
ccgttctgtg cttccttttc cctcaatgca aaagcccttg ctggcaacga aaaagcctca 1320
aaagcagtga gaatacaaga accttttatt ttccatccag ttgggcagca gggaaaggct 1380
aggtgggccc agcccgccct tcttctctcc agctggctgg agattattag ccaggagaca 1440
gcagccctgg aaccagact ctgtctcccc cttgagggtca cagatgttga agttggaatc 1500
```

```

tcgctccttc ccttgactac catcctaggc tgggcctcaa gactagttag gacctgtcccc 1560
accatccctg gccttggtgt ggggctcagg aactcagagt cccagtgttg agtctgggag 1620
cactaggtct tcatagttcc aggcccagag ctacagctgg gctgggagcg tgtgtgtgca 1680
ctgtaagaag gagctgatga tactggccac gtgctggggg tgcctcatgt ggacacagtg 1740
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gtggccagag gagcctaggg agctccatgg gccccggggg caggggccct ccacagcatt 1860
ccagctccct gcaggtcagg agcgccctccc acagttagtt tccccacac tcggctcctt 1920
ggagccccga cagtccatag caccaccagga gatgtctaac cttagggact tggaggcctc 1980
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tggctctgac ctggcgccca gccagccagc cacaggtggg cttcttcctt ttgtgtgac 2220
aacgccaaga aaactgcaga ggccccaggg tcaggtgtaa gtgggtagggt gaccataaaa 2280
caccaggtgc tcccaggaac ccgggcaaaag gccatcccca cctacagcca gcatgccac 2340
tggcgtgatg ggtgcagagg gatgaggcag ccaggtgttc tgctgtggtt tgggagccta 2400
taaagtgaga ctaggctggg catggtggct cccatctgca aaaccagcac tttgggaggg 2460
caaggtgggc ggatcgctg aggtcaggag tttgagacca gcctggccaa catggtgaac 2520
ccccatctct taaaaatata aaaattagct gggcatggtg gcaggtgcct gtaatcccag 2580
ctactcagga ggctgaggca cgagagtcgc ttgaaccggg gaggtggagg ttacagtaag 2640
ctgagatctt cccactgcac tccagcctga gcgacagagt gagactccat ctca 2694

```

<210> 8062

<211> 1599

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (163)...(1600)

<223> similar to gi5804886 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8062

```

tttcgtcccg agcagctgcg gggccgccc cgcgcgcgc gccgttgag gctgagtcac 60
cactagagag tgggaagggc agcagcagca gagaatccaa accctaaagc tgatatcaca 120
aagtaccatt tctccaagtt gggggctcag aggggagtc tcatgagcga tgttaccatt 180
gtgaaagaag gttgggttca gaagagggga gaatatataa aaaactggag gccaaagatac 240
ttccttttga agacagatgg ctcatcctata ggatataaag agaaacctca agatgtggat 300
ttaccttata ccctcaacaa cttttcagtg gcaaaatgcc agttaatgaa aacagaacga 360
ccaaagccaa acacatttat aatcagatgt ctccagtggc ctactgttat agagagaaca 420
tttcatgtag atactccaga ggaaagggaa gaatggacag aagctatcca ggctgtagca 480
gacagactgc agaggcaaga agaggagaga atgaattgta gtccaacttc acaaattgat 540
aatataggag aggaagagat ggatgcctct acaacccatc ataaaagaaa gacaatgaat 600
gattttgact atttgaaact actaggtaaa ggcacttttg ggaaagtatt tttggttcga 660
gagaaggcaa gtggaaaata ctatgctatg aagattctga agaaagaagt cattattgca 720
aaggatgaag tggcacacac tctaactgaa agcagagtat taaagaacac tagacatccc 780
tttttaacat ccttgaaata ttccttccag acaaaagacc gtttgtgttt tgtgatggaa 840
tatgttaatg ggggcgagct gtttttccat ttgtcgagag agcgggtgtt ctctgaggac 900
cgcacacgtt tctatggtgc agaaattgtc tctgccttgg actatctaca ttccggaaag 960
attgtgtacc gtgatctcaa gttggagaat ctaatgctgg acaaagatgg ccacataaaa 1020

```



<210> 8064  
 <211> 1793  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (198)...(512)  
 <223> similar to gi609278 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8064

ctcagtggag	agcggggagt	tgtgtccacc	ttgccgacgt	cgctagccgt	ggggctgtcc	60
tgggaaggcg	gacggcgagc	gcccgggtgtc	cgcaactcggc	cgccctgccgt	gcccgtctgc	120
gcccgtgtca	tcctcactcg	ggacgcaggg	accgttttta	aatcacaggg	gcgtgtgtca	180
gcctgcccta	ggacttcatg	tctatatatt	tccccattca	ctgccccgac	tatctgagat	240
cggccaaagt	gactgagggtg	atgatgaaca	cccagcccat	ggaggagatc	ggcctcagcc	300
cccgaagga	tggcctttcc	taccagatct	tcccagaccc	gtcagatttt	gaccgctgct	360
gcaaaactgaa	ggaccgtctg	ccctccatag	tgggtggaacc	cacagaaggg	gaggtggaga	420
gcggggagct	ccggtggccc	cctgaggagt	tcctggtcca	ggaggatgag	caagataact	480
gcgaagagac	agcgaaagaa	aataaagagc	agtagagtcc	ctgtggactc	ccatgggtca	540
taccagccag	catctgttcc	tgaactgtgt	atttaccatc	atgacggaag	aagagagtga	600
gccgcaattg	ttctgaaaat	gtcaaacgag	gcttctgttt	tgcacctgca	gatcaccgag	660
ttggttttct	tttcttttct	tgcctttttt	tttttttgaa	atttgccgag	cagtggagcc	720
ctctgacaat	ttgcaaggcc	ctctgagaaa	ggaagctgct	tagagccagg	gggttagtgg	780
gtgaggggag	cgagtgtctgt	ttttgagatc	attatctgaa	ctcaggcagc	ctagtagagg	840
cagtgggtggg	attccaatgg	gtcttggtgg	gtgggaggtg	gggcatgtgc	aaagcaagca	900
aggaacattt	ggggtaagaa	aacaaacatg	aggcaaaaga	aaaaatacat	gtttttaaga	960
aaacattgag	cagagaactg	cagccaggat	gcgctcagca	gacattcact	ctggctgctg	1020
ggacatcaga	aaacaaagtc	ttcatctctc	tctccagttt	cacccacccc	accctttgct	1080
ttcatttcag	gtgtgttgg	ctatatgaca	gggaggagag	taaaggagag	caggagcaat	1140
tggctgcctg	caaagccagc	tggaggtgaa	gtgcaggaaa	ggaaaggtca	ccccattcta	1200
ctccatggcc	tctctgctcc	cagctgtggt	aggctcacat	agccagtgtg	atcggttttt	1260
aagaggcagt	gcttttcagc	ttttctccct	gatatatcca	ttttgcttcc	cagcactttt	1320
taggagtagt	gagagcactt	cctgcccttg	ttggaagccc	cagggtggac	actcagcacg	1380
aaggtctctc	ccttaactgc	tgcccttcca	agacttgctc	ccgagatgga	gtgggcgtgg	1440
tcttcagggc	tggcccttcc	ttctcctcac	cgccaccttc	cctgccccag	ccccagcagc	1500
catgggtaca	tgggtcccca	gctcacctat	ggattcccgc	cagtctgccc	agctgcagta	1560
ctcacgcccc	atgggggatc	ttggtctgtt	tttcttggtg	gagcctagtg	gagagcagac	1620
gtggcttttt	atgtgtcttg	ttggggaggt	gacttgcatg	gtggggacaa	ggctgtccgt	1680
ggcaaccttg	ggatcgagtt	tgagactaaa	ggatgtcatg	agatccctgg	gcttctcccc	1740
atgttgttcc	cggacaaggg	cagaagggag	gcatggcaag	ggacctctgc	tgt	1793

<210> 8065  
 <211> 2506  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (2427)...(593)  
 <223> similar to gil572819 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8065

tttttttttt	ttaggttgaa	tcaaagcaag	ttgtcttcag	agactgggat	ccgagataga	60
aaacacacag	tgaagtttaa	tcaggaaccc	aacctccggt	cctctgctac	aaccacggaa	120
acggctccaa	acttgagggg	ggacccccca	acgcctgctt	ttggcccaaa	gctctgcctt	180
ccagccctcc	tcatacccac	tggccaccta	ggaccaggaa	aggggggtag	agccctgaga	240
attctgggtc	tggggtcacc	agctcccaca	cctgtgctcc	ccggccccac	acacatgatg	300
cccaggggtg	ggcaatccct	gacagcgggt	gccggcactt	gggagctcct	gctcagccac	360
ctgccacggc	ccaccctggg	ggtccggcag	gagccagggc	agtgcattgg	agcataaggc	420
cccgtgcag	atcgactgcc	ttcagaaaca	aaaagtcccg	gcgcaaaggc	gttcccgagg	480
tggcagcctg	gcctgcaccc	cagctgtgct	gcccctgcag	agccccagca	gcgaggcaca	540
cccaggtcag	gggagggggc	ttgggtacca	ggggcctcac	tggctcttca	ccaggaccct	600
gtagagttag	aagctgagga	ctgcggccac	ggcggccccg	acaacccccca	gcagcccccg	660
gagccagaag	gaagagggat	gcagctctgc	gtggacccaa	tgtgggaagg	cggccatggt	720
ggcgagctgg	gtgaagatgg	tgggtgctgg	ctcggtcggg	ccagcacagg	agaacggcac	780
gggagcgggt	agccggtgct	tgcggcaaaa	ctcgcccggt	gatgggccag	acaccgcgac	840
accttcgggc	aggtcggcct	tggaggagac	aaagaggcag	ggggtctgcc	cgtccatgta	900
atggtgcttg	tagacgtctg	cacaatgtgc	aaaggacttt	gggtcactgc	catcaaakat	960
caagcaggca	acgtcacagg	tggcgtccag	cgatgtggcc	agcagaccat	ctgtgcccac	1020
ctcacagagg	atcaagtact	tctcctgccc	attgacctgc	accgtgtcga	tggcgtagcc	1080
gggaggctgc	tccctcgtgt	cctggtgccc	caggcccgcg	ccgagaaagg	cctgcaggaa	1140
ggcagacttg	cccactccac	ggggccctac	caccttgcac	aggaggacgc	tccgctgcgt	1200
ctgtcccttc	tccctggtcca	gcctctttct	acgagtgcct	gtgatggcat	gggcctgggt	1260
ctgtctcacg	aggggtgggt	agcccaggta	gcctaggtgt	ccaaggcagc	tccggacgtc	1320
caggtaggtc	accagggtcc	actggcagag	gtatccgtgc	aggggcaacc	ggccggcctc	1380
tgtgcggact	gtgcgtggga	gctcggggcc	ccagggcgct	gctgggaaca	cactgaaaag	1440
gctttgcagc	tccacgggcg	agagggcgcc	gtcgcggctc	tggctcgtgt	tctcaaacac	1500
tctctgcaca	aactggtagc	caaggtgggt	gagctccgtg	ctgcagccgg	ggggcacgtg	1560
gatcagaggg	gagagatagt	ccgcagtcag	ctccagggca	tcgctgtagc	cgaagcgccg	1620
caggatggtc	caggtgggtc	cgtgccggcc	gcgctggatg	aagagcgtgt	tcaggaagag	1680
gaaaccatcc	agggtcagct	ggtcctcccg	cacgccgccc	gccacgttcc	tgcaaccac	1740
cgtcttcacg	tcctccaggg	cctgcggggc	caggggggtg	ccaaagcagg	atttctggaa	1800
agcgttgagc	tcttcgtcac	tgagcgcctg	gtccagggtc	tgatctgaga	gcctgaagat	1860
gcgcgtcagc	gcctggggcg	acgcgggcct	caactgcttg	gcctcagggt	catagagggg	1920
ggctgtggga	tgacggacgg	ccttctgggc	gtagtgaac	agctctgaga	tgttccctcag	1980
gttcttggcc	gaacactcca	cgcagggtct	aatctcggga	aactgggtca	tgatggggag	2040
cacggcctcc	atggagctcc	ccgaccgcag	gtctgacttg	ttgcccacta	ggatgatggg	2100
cacctggggc	ccttgctgtg	ttccccatt	caccagtggg	atccacttag	ttcgaatctt	2160
ctcaatgggt	gcctcctcag	agacgtcata	caccacacac	accacgtttg	ccttgtggat	2220
ctcctcccgc	agctcctcgt	ccgtctgctc	ggcttctgag	tagtccacga	tgtgggtggg	2280
caccttctcc	ggggtgacgt	ccgcggggat	ggtgatctcc	tccgcgcggg	gagggacctc	2340
ctcggggaac	tcctcgccca	ccagggacag	gatcagcgac	gtcttcccca	cctgggcctc	2400
gccagtaaac	aggatgcgca	cgtcccgcct	catagctgcc	gcccggagcc	gctccccgac	2460
ccggaacccg	gccccgacct	ggtcctcaag	cctttcgcct	cgtgcc		2506

<210> 8066



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<211> 3064
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (181)...(2567)
<223> similar to gi5457045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8066

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tttcgtccaa actctaaaag aaggacgcat tttaggtaag atctagtggc tagatcttca      60
gggtgggctt cgttcttgtg gaaatcagtc aagaaagatc ggattcgcgg ttatttatgc      120
aaatcatctg ggtggattgt gtacggagtt aaactgcgcc ttctggaccg ggtctgaaca      180
atggagactg cgctagcaaa aacgccacag aaaaggcaag ttatgtttct tgctatatattg      240
ttgcttttgt gggaggctgg ctctgaggca gttagggtatt ccataccaga agaaacagaa      300
agtggctatt ctgtggccaa cctggcaaaa gacctgggtc ttgggggtggg ggaactggcc      360
actcggggcg cgcgaaatgca ttacaaaggga aacaaagagc tcttgagct tgatataaag      420
accggcaatt tgcttctata tgaaaaacta gaccgggagg tgatgtgcgg ggcgacagaa      480
ccctgtatat tgcatttcca gctcttacta gaaaatccag tgcagttttt tcaaactgat      540
ctgcagctca cagatataaa tgaccatgcc ccagagttcc cagagaagga aatgctccta      600
aaaatcccag agagcaccca gccagggact gtgtttccct taaaaatagc ccaggacttt      660
gacataggta gcaacactgt tcagaactac acaatcagcc caaattcaca ctttcatgtt      720
gctacgcata atcgcggaga tggcagaaaa taccagagc tgggtgctgga caaagcgctg      780
gaccgggagg agcgggctga gctcagctta acactcactg cactggacgg tggggctccg      840
cccaggctcc ggaccaccac aattcgcatt gtcgtcttgg ataataatga caacgcccc      900
gaatttttac aatcattcta tgaggtagag gtgcccagga acagccccct taactcctta      960
gttgtcggtg tctccgctcg agatttagat gcaggagcat atgggagtgat agcctatgct     1020
ctattccaag gcgatgaagt tactcaacca tttgtaatag acgagaaaac agcagaaatt     1080
cgctgaaaaa gggcattgga tttcgaggca actccatatt ataacgtgga aattgtagcc     1140
acagatgggtg ggggcctttc aggaaaatgc actgtggcta tagaagtggg ggatgtgaat     1200
gacaacgccc ctgaactcac catgtctacg ctctccagcc ctaccccaga aaatgccccg     1260
gaaactgtag ttgccgtttt cagtgtttct gatccagact ccggggacaa cggtaggatg     1320
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accctagtga cacagagaac actggacaga gagagccaag ccgagtacaa catcaccatc     1440
actgtcaccg acatggggac acccaggctg aaaaccgagc acaacataac ggtcctggtc     1500
tccgacgtca atgacaacgc ccccgcttc acccaaacct cctacacctt gttcgtccga     1560
gagaacaaca gccccgcctt gcacatcggc agtgtcagcg ccacagacag agactcaggc     1620
accaacgccc aggtcaccta ctcgctgctg ccgccccagg acccgcacct gcccctcgcc     1680
tccctggtct ccatcaacgc ggacaacggc cacctgttcg ctctccagtc gctggactac     1740
gaggccctgc aggcgttcga gttccgctg ggagccacag accgcggtc cccggcggtg     1800
agcagcgagg cgctggtgcg cgtgctggtg ctggacgcca acgacaactc gcccttcgtg     1860
ctgtaccgcg tgcagaacgg ctccgcgccc tgcaccgagc tgggtgccccg ggcggccgag     1920
ccgggctacc tggtgacca ggtggtggcg gtggacggtg actcgggcca gaacgcctgg     1980
ctgtcgtacc agctgctcaa ggccacggag cccgggctgt tcggcgtgtg ggcgcacaat     2040
ggcgagggtg gcaccgccag gctgctgagc gagcgcgacg cggccaagca caggctggtg     2100
gtgctggtca aggacaatgg cgagcctccg cgctcgccca ccgccacgct gcacgtgctc     2160
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caggccgact cgctcactgt ctacctggtg gtggcattgg cctcggtgtc gtcgctcttc     2280
ctcttttcgg tgetcctgtt cgtggcagtg cggctgtgca ggaggagcag ggcggccccg     2340
gtcggtcgct gctcggtgcc cgagggccccc tttccagggc atctggtgga cgtgagcggc     2400
accgggaccc tatcccagag ctaccactac gaggtgtgtt tgaccggaga ctcaggggcc     2460
ggcgagttca agttcctgaa gccgattatt cctaaccttt tgccccaggg cgctggtgaa     2520
gaaataggga aaactgctgc cttccggaat agctttggat taaattagag atctcgtgat     2580

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gacgcgttgt	tttctgccat	ttatcccaaa	ctttttcaga	tctagaattc	gagagtgtca	2640
tggaacaaaa	tttcaccttg	agattgagct	tttattttccc	tttttaaatgg	atttgtttgt	2700
tgaacttcat	gctgtccaag	tggtgaaaag	tcaattttat	ttcattgcat	ttattttacat	2760
agtgtcattc	caaattccatg	catgctgttg	attttcctga	gattttttttc	tcttcttggt	2820
ggtatttgtt	gtgataaacc	accttaataa	aatcaagtat	taatttttatt	ttctatatat	2880
tctgcccatt	ctattttcatc	acactcttaa	gtattatata	tttgatgcta	aaatgcaaaa	2940
attaaaaatg	tttcacatca	tcatatttta	attgttttaa	acaaagacaa	atacatat	3000
atgctaacaa	atgaaatatg	tgaaaaaata	tgtaaaaagga	aacaatcttc	tattttactct	3060
tttc						3064

<210> 8067  
 <211> 1641  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (405)...(1485)  
 <223> similar to gi2190404 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8067		
tttcgtggca	gaggccgggt ggtgtggtgt cggtgtcggc agcatccccg gcgcccgtgct 60	
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accgcccgcg	ccagtcaact cctcgcactt tgcccctgct tggcagcgga taaaaggggg 180	
ctgaggaaat	accggacacg gtcacccgtt gccagctcta gcctttaaat tcccggctcg 240	
gggacctcca	cgcaccgcgg ctagcgccga caaccagcta gcgtgcaagg cgccgcggct 300	
cagcgcgtag	cgggcggtt cgaaaccgca gtccctccggc gaccccgaaac tccgctccgg 360	
agcctcagcc	ccctggaaaag tgatcccggc atccgagagc caagatgccg gcccaactgc 420	
tgcaggacga	tatctctagc tcctatacca ccaccaccac cattacagcg cctccctcca 480	
gggtcctgca	gaatggagga gataagttgg agacgatgcc cctctacttg gaagacgaca 540	
ttcgccctga	tataaaagat gatatatatg accccacctt caaggataag gaaggcccaa 600	
gcccgaaggt	tgaatatgtc tggagaaaca tcatccttat gtctctgcta cacttgggag 660	
cctgtatgg	gatcactttg attcctacct gcaagttcta cacctggctt tgggggggtat 720	
tctactattt	tgtcagtgcc ctgggcataa cagcaggagc tcatcgtctg tggagccacc 780	
gctcttacia	agctcggctg cccctacggc tctttctgat cattgccaac acaatggcat 840	
tccagaatga	tgtctatgaa tgggctcgtg accaccgtgc ccaccacaag ttttcagaaa 900	
cacatgctga	tcctcataat tcccgacgtg gctttttctt ctctcacgtg ggttggctgc 960	
ttgtgcgcaa	acaccagct gtcaaagaga aggggagtag gctagacttg tctgacctag 1020	
aagctgagaa	actgggtgat ttccagagga ggtactacaa acctggcttg ctgatgatgt 1080	
gcttcatct	gccacgctt gtgccctggt atttctgggg tgaaaactttt caaaacagtg 1140	
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tcctggtttc	acttggagct gtgggtgagg gcttccacaa ctaccaccac tcctttccct 1320	
atgactactc	tgccagttag taccgctggc acatcaactt caacacattc ttcatgtatt 1380	
ggatggccgc	cctcggctctg acctatgacc ggaagaaagt ctccaaggcc gccatcttgg 1440	
ccaggattaa	aagaaccgga gatggaaact acaagagtgg ctgagtttgg ggtccctcag 1500	
gttccctttt	caaaaaccag ccaggcagag gttttaatgt ctgtttatta actactgaat 1560	
aatgctacca	ggatgctaaa gatgatgatg ttaaccatt ccagtagagt attcttttaa 1620	
aattcaaaag	tattgaaagc c	1641

<210> 8068  
 <211> 2119  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1916)...(1177)  
 <223> similar to gi4929623 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8068  
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 tcctttgagg ctcttgaggg tgggcaagtt cctgaatccc tcagggtggta aagatgggca 120  
 aaggatgggg aaaagaagca tgggtgatta actcctttta tcccacccct ggaaggaaag 180  
 ataagcttct gggaaaacac ttaacccaaa gtttcagaca tgtaaacca ctagcccgaga 240  
 ttcttgccct tgcaccaagg ctatgcttgg aaatcagtggt ttgccaggtt aggaaagtgg 300  
 ctggatgaga gatctgagga cagaaatctc aattaacatg ctatcccctc ccttaaaagc 360  
 caagttcccc cacaattaca aattcctttt tattagtcaa aatcacatc actttgatta 420  
 aaaggatggg aactccacc ctccagcagaa aatgatacag ttatagaaa acctccccgc 480  
 cctcccaca cccaatttaa aaactacaaa aaaatctccc ctccctccct acgatgtcat 540  
 ggtagtctga ctccctcagt ggcactgcag ctctggagtg gccagctcac cacagcacc 600  
 tccacttcac ctctggggaga ggagggtatgc tgggtggtaa ggagggtaaa accattagtt 660  
 ccagtaatgc cagttcccaa acatgcactt ccttcctttc cccaagggtc tgggaccaag 720  
 gagaaagggg ccgaaatgag gcccaggcca tggaggaagc aacttcgagg agaggaaatt 780  
 attagcccaa ggagggttag gaagagttcc aatatactc ctccctcccc ccacctcaaa 840  
 aaagaaaaaa aggcagttta aggggtattta tcacaccaa aaatgggttc cctcaggcc 900  
 tgaggaaaaa gaccaagatg tccagtcttg agggagtact gagaaactca gagctcatct 960  
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 ttggcaacct gcaactgtcca gaacttggag atgggagaaa tacaggggcg ggacatcagg 1080  
 agggcacccc agggccaggg gtcccccata ggttccctca gtccctcgggt gggatgcgca 1140  
 gggcagaata caccatcacc cgactgtcct cctgccgtcg gcacaagagg ctgcgtgaa 1200  
 tacttcggag ggaccctcca gctgtgatga agggccagag ccccatggaa acagtgactg 1260  
 catagatggg cagcaggctg gcctcatacc aggggttcag gaatgtcagt cccgatgtca 1320  
 gtaggtgact cccaaccacc agggccaaaag cccagatccg tctcctctca caggcatcaa 1380  
 agaacacaac tccccaaaag gtatggagca ggataatggc tgctgtcaga aaggctgaag 1440  
 tcagggaagta atagggtgag tctccatgga tcccaaccac acctggcca agtgcacag 1500  
 ccaaaatatt gataacagag aagacaccac tgatgatacc gaaggagaga ccagaaacat 1560  
 aggccatctg gcggatggag atgggtgatc ttccgtcctc actcagcgat gctaaccct 1620  
 catctgcctt cttaagcagc ttgtagtagg caaagcggaa cacctcctgt agaaggacag 1680  
 agacagcagc accaaaaatc agggaggcgt actggagccg ggcactctgac cggtcgggtca 1740  
 catggacca gatgaaccag accacagagg ccaggagcag ggagaccagc cagaaaaatg 1800  
 cccctgcgac caggatgata acgcgaagcg ggtcccagc cacagtgatc aagaaaagcg 1860  
 cgaaggccgg gccgaacgag acgaaagtgc agccgaaaaa caccgcagcc cccatggctg 1920  
 gtcagggtgg aaggtgggtg ggggcctgac caggacaggc aaatgggagg ggcgcgccag 1980  
 ctggggagtc cgcgtgggtg ggcaacgcga cccacagagg ggcgcggtgc aatgtcacc 2040  
 ccagaccccg ggggaagggg agggggggaa ccgaaacccc aaatgaaggt ccgcgccact 2100  
 tcctctacgg aagacgaaa 2119

<210> 8069  
 <211> 1499  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (293)...(1072)  
 <223> similar to gi747876 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8069  
 ttctgtgccg gcggcaggtc ccagcccggg gctagagacc gagggccggg gtccggggccc 60  
 ggcggcgagg cccaggcggg tgaggctggg caggagtcag ccagcctgaa agagcaggat 120  
 ggatcttgat gtggttaaca tgtttgtgat tgcgggcggc acgctggcca tcccaatcct 180  
 ggcatttgtg gcttcatttc ttctgtggcc ttcagcactg ataagaatct attattggta 240  
 ctggcggagg acattgggca tgcaagtccg ctatgttcac catgaagact atcagttctg 300  
 ttattccttc cggggcaggc ctgggcacaa accctccatc ctcatgctcc acggattctc 360  
 tgcccacaag gatatgtggc tcagtgtggt caagttcctt ccaaagaacc tgcacttggt 420  
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 cccatcggat gtctccagcc tgtgtctcgt gtgtcctgct ggcctgcagt actcaactga 660  
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 gaacatggac aagatcaagg ttccgacgca gatcatctgg gggaaacaag accagggtgct 960  
 ggatgtgtct ggggcagaca tgttggccaa gtcaattgcc aactgccagg tggagcttct 1020  
 ggaaaactgt gggcactcag tagtgatgga aagaccagg aagacagcca agctcataat 1080  
 cgacttttta gcttctgtgc acaacacaga caacaacaag aagctggact gagggccccga 1140  
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 accatgaagt cttcaagttc atgtcactga caagcttggt caaagcagcc accttggacc 1440  
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<210> 8070  
 <211> 2095  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (5)...(1512)

<223> similar to gi30184 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8070

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agccatgccc	cggcgtccag	gcaacagggtg	gctgaggctg	ctgcagatct	ggagggagca	180
gggttatgag	gacctgcacc	tggaagtaca	ccagaccttc	caggaaactgg	ggcccatttt	240
cagggtacgat	ttggggaggag	caggcatggt	gtgtgtgatg	ctgccggagg	acgtggagaa	300
gctgcaacag	gtggacagcc	tgcaccccca	caggatgagc	ctggagccct	gggtggccta	360
cagacaacat	cgtgggcaca	aatgtggcgt	gttcttgctg	aatgggcctg	aatggcgctt	420
caaccgattg	cggctgaatc	cagaagtgtc	gtcgcccaac	gctgtgcaga	ggttcctccc	480
gatggtggat	gcagtggcca	gggactttctc	ccaggccctg	aagaagaagg	tgctgcagaa	540
cgcccggggg	agcctgaccc	tgagcgtcca	gccagcatc	ttccactaca	ccatagaagc	600
cagcaacttg	gctctttttg	gagagcggct	gggcctgggt	ggccacagcc	ccagttctgc	660
cagcctgaac	ttcctccatg	ccctggagggt	catgttcaaa	tccaccgtcc	agctcatggt	720
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<210> 8071

<211> 951

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (118)...(670)

<223> similar to gi4529888 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



```

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gccttctctt gccacctgga cctgcctctg ggccatgagg atgtgcaagt caggcccctt 1080
ggccagggtcc tcttcacgca ggggttccag ccggggggcc ttgactcga gctggtcgat 1140
gagctccttg aggcgggttca cctggagccg ccactgcata tcggcctctg agctgcgccc 1200
tgtgtcagaa gagccggggg accagggtgga tgaccggctg acactcctca gggctcggcg 1260
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ttccaatgca gccagcaccg gccggtagac acccagggtg tctgagaagt agtcacacag 1560
tttttctgtt tctaaattgt cgggtgagatg cccatcaatg ccgctgaaca gttcctgcag 1620
ctcccccagg ctgagaacct catcggaaca gtaattctggt aattcctcaa atgagagctt 1680
cccatc
1686

```

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<210> 8073
<211> 3381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3188)...(326)
<223> similar to gi5257007 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8073
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agcattcaga actgttaaga caaaagacaa actataattt taaactcaat cttgatttaa 180
gggaaaggct ataaattatt ggctgaaaag tattcagcat gaactcagat tctatataag 240
catgaaagag tacaaaagat gttggagtc agtaagccca tacctaaatt aactgtaaag 300
cttcaaggac tttttgttta tttttatata ctagttttct tctgtgacaa gttgatttta 360
tctccaagac ttaaggccat tccctggctc tttgcacgaa ttcttatatg gccggtaaca 420
gcagcatctg gtccctgggtg aattggcttc tcaatgctga catttgcaag tgcattctca 480
ccaaatatgg aacgagcata aagggtggct gccataaagc cacagtaacc agaaagggcc 540
ttttctggag tcaggcattt catattgggt gactttaata tgtgctgtaa gtagtcattt 600
aaatcaacca tgttgggtgtt aactgtcact ttgttttccc attcaaattc ggcccacatc 660
tgacggaatt ctgcatcagt gcaagttgca ggctggatat agtccatgat gtcgatgtga 720
atatcactga gaaccacaca atttctgtca cttgctgctc cagagacatc ataaactata 780
ttaccaaaaa ttattccatt ttctgttgat gctactttga cgttagcttt aatatttgcg 840
aagtcatgag gagcaagagt caaaggagac ggcttttcca caagtttcag atcccctagt 900
gtagctagtt ctaatgtgca attctgcaaa gtatcactgg tttggttcac aacaagtaca 960
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tcagacaaga cttgaggca cagggaat ccatccacat catcatcagt aattggcttc 1380
ttaggaagag aggattttcc caaatgcagg atagtagcca tgagcaacat agcctcagca 1440

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aagggaggtc	tgtcttcctc	tttcttggtg	ggcttagaac	tgctaagggc	actctgagtt	1620
gcataggtac	ccatttcagt	aaccaatttc	tgaactggcc	ctacagttat	ttcttcttca	1680
ggttttaatt	caccagcttc	tttctttatt	tctgactcta	caattgggat	ctctccaagg	1740
gacctgcgga	tctcagtcac	cacactctga	atgtcttcct	tggtactaca	gtattctccc	1800
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ggtgcagccg	cggatccgtc	tactgcggct	ccgtctactc	cggctatgaa	ccgcaacagc	3360
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<210> 8074

<211> 2517

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1492)...(568)

<223> similar to gi4884406 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8074

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aaagattttt	gggtgggggga	atgtaggaag	tcaaataatt	tagaaggagt	aactatagaa	180
gttacttttt	caatcttaat	atattaacag	gcttgttacc	aggtacatta	cccagcattt	240



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gcagacctct	gcccacggaa	cgttcgccat	agcggcctct	actgcctggc	tttctcaat	2460
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<210> 8075

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2119)...(2507)

<223> similar to gi4406561 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ctacatggcc atgggcttcc cagggtatga cctctcggct gatgacatag ctgggaagtt 180
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ctacttacac atttctctt ttggaaaaat gagatactta gaataacaag aaaattaaga 2040
catactggcc tgggtgccagc agatggcttt tctatagaca aactaggtta gtgtggaaga 2100
tatagggttaa aataaactat gctgttttat ttatcttccc aacctgattg gcagctagac 2160
ttttttaggg tctcatttaa tggccctggt tttttcatta ttatatttaa tgatagggca 2220
ggatttcgta tgcaagctct tgtttctcag gctgcctgca gaagaagtcg ctataaatta 2280
tctgttgtct acatggtaca aggccattg actcatctga tgcttgtttt gttaatttct 2340
ttaatatatt tatcacgggg cagtgggagg gcttgggctt ttagccacag ctgttttaag 2400
acttctgac tccctgccctg caggaatagg tgggaagtca ttgaattttt aactatagt 2460
aatttgact ccacataag tttagtggt acgaaaacat tcctttaaag ggaactgtgc 2520
tacacaaaat atgccaggac ctacagaca aagccattgc tagaaatgtc attccaatga 2580
tcagatctgg aaacaggctg ccataaccac ttttcttct tgtagactca gctcacctgt 2640
atatttaaac tgttcttggc atcttgaaac acctatttct actcaggta tcatgtcct 2700
gttactgatt cacctttctg atccttttca accagttttc cccaagggg ggaaatttta 2760
cttaacctct agtatttgaa caactcaata tttgaattgt tgccccattt gcttttacct 2820
gtactgtatt cttggtcatc tcaaatggcg tctaaacca gctactttgc attccagaag 2880
tttccattcc ctccaattcc acctaatatt tcatctgtcc tagttactgg ctctttcttc 2940
atgtcttatt tctcttgctt tgggagctta aaagatttta caagacctaa ttttgggttc 3000
cttcttgga gccatagtta ccctgccaag aagagtagaa aatgggttca actcctgttt 3060
cgctccacca acacctctgt gagtctcatc atcagctgag cgatgatgcc ttacagggtg 3120
catagcactg gaactttcct agagtaacgg ctctgctgcc agggtttctc tgggctcatt 3180
cttccactga cttaattatg atctatgcct aacagagccc cagtacaact attttgaga 3240
atggctgtta ccctagaatt actatagcac atattgagat atagttgtac tccctagtag 3300
ataggaactg accccaacaa taaactttga taataaagac aaaaaaaaa ataggggggg 3360

```

<210> 8076  
 <211> 1684  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1339)...(888)  
 <223> similar to gi512449 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8076

tttttttttt	ttccacacta	gaatacttta	ttcaagagaa	tctggcttgg	cagtcagatg	60
gccctgcagg	gacagcttgt	gggggtgcc	gggcccttgg	ggaacctgct	cccctgccac	120
tgccttcagc	tgggacgcac	aggtcctcc	cctggtgacc	tcatccccac	tggttgagct	180
gtttctcatc	caggcagctc	tttctccagc	ccggggccca	ctctgtatgt	gtctcttagg	240
gggggcaggg	tgggtggcac	cttggcccgg	aaagaccaat	gtcccagtac	aagcaaattg	300
caaagtgtga	ggggagatca	cgggggacaa	ggagtggcaa	aagccccag	gcaaccactg	360
ttctccagag	ctgaatgttc	tgatcttcag	aagaagaggg	ggaagtggct	ggatcccctc	420
cgcccgtctg	cggccttccc	accagccagg	ccgtggcggc	cccagcagga	tccgcatccc	480
tacttttggg	caggagctcc	gaaagcaagg	gctgcttgac	tgtgcagagc	ctgaggccca	540
agaacaggta	gcaggggccc	cttctttcct	tctgcaggcc	cctggagacc	tccagggcct	600
ctggggccta	gcttgcccct	cacgaggcca	cgtgtcttgc	ttctttcaaa	gcggaagctc	660
ccaggggtct	gtggctggct	tctctcttct	tctcacgttg	ttgaaggcac	tgaattcctg	720
agggtcctgt	ccttccctgc	ccctcgtctt	gaagggagcg	aggcattcag	cagggaaaca	780
gttggcta	aaatagaggg	cagggtaccag	caggagtac	tgaagagtgt	gacggtaata	840
aatacacgag	ccgggtgcgg	ggtctctctc	ctccaagggg	tgggttacct	ccggggaaca	900
gcatcgccgc	acctttccgg	cttcatcttc	tcccgcagag	gccggcattc	gcagcgaacg	960
tgctgagaga	acgtcagctc	cacgtaggag	ggccggtccc	cagaacggat	ctttaggagc	1020
tgcattggtga	cattggccgt	ctccaccggc	acacagtgc	gattctcatc	gccgcagcag	1080
ccggtgcagc	gcagcaggga	gacacaggat	gggctgaaca	tgtgctccac	ctcgctgggg	1140
tactcggaca	cgacgtccac	cagcctctcc	agcgcccggc	agtagctgcg	gccccacact	1200
tccgggaagg	gtaccacttc	cacctctgac	gagccgttcc	cagcagacaa	ggcccaactgc	1260
tgggggggca	cagcaggcag	cgccagcccg	gccaggagct	gcaggaagca	agggaacagc	1320
ctcatgaccg	gcatcttctc	agacgtcccg	agccaggggg	ctccgaggga	aaaccaccat	1380
gctcatcccc	cggggagccc	ctggcacagg	aggagaagag	ctgagtgggg	ggctggacgc	1440
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ggagtcagga	gcccgtaggt	aaggctgtgg	ctggggaacc	cgacggggag	cggcccgggc	1560
gggcggggcg	ccgaggggca	ggcgggtccc	ggggatggtc	cgtcggggcg	ccagtgccac	1620
tccaggtcct	cccgtagctg	ggcggccgct	cgtcgatgca	gtttcctccg	cagacagcag	1680
ctcc						1684

<210> 8077  
 <211> 1164

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (375)...(600)  
 <223> similar to gil938458 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8077

gcaattcgca	tctgctgtgc	ggcctgcggg	cgcgcgctcc	cttatcggcc	aacggacgcg	60
aggcgcgcg	catggaacag	cggttagctg	agtttcgggc	ggcgcgga	cgggcgggtc	120
tggcggccca	acccctgtct	gccagtcagg	gcgcacaaac	cccaggagag	aaggcggaag	180
cagcagcgac	tctaaaggca	gccccaggct	ggctaaagcg	gttctctggt	tggaaacct	240
ggcccgcgag	tgcccgggcc	cagcccgggc	tagttcagga	agcggtctag	ccccagggca	300
gcacatcaga	gacacatgg	aacacagcca	ttcctctgcc	gtcgtgctgg	gaccagtctt	360
tcctgaccaa	tatcaccttc	ttgaagggtc	ttctctgggt	ggctctgctg	ggactgtttg	420
tggaactgga	atgttgccct	gcatattttg	tcctgtcctt	gttctattgg	atgtacgtcg	480
ggacacgagg	ccctgaagag	aagaaagagg	gagagaagag	cgccctactct	gtgttcaatc	540
caggctgtga	agccatccag	ggcaccctga	ctgcagagca	gttgagcgcg	gagttacagt	600
tgagacccct	ggcagggaga	taggacccag	ctgtgctgtc	atgcagctaa	cctctgatgt	660
ggtcttcttc	accattggct	atggatttga	tttcagggtg	ataggactaa	gggcagcttg	720
cgggttagct	ctgtgactgc	atagtttttc	taccttcttt	cctgatcttt	ttgctgccat	780
ttgatctttg	atagttttgg	tgaaactctc	taaaatacat	tcactgtggg	tccgacgcaa	840
tttataaaaa	ttatgtactc	aagaaggagg	acctgtttgt	ttcatttctc	atctgtttgg	900
gagatgattt	tagagcacta	gaaaggcact	ggggagattc	tcagcttaaa	acatccagca	960
gtttgaagta	tgattaggta	catcagggtc	gcattgtcaa	tgttctcttt	aagtctttta	1020
acatttatag	caattttttt	tttcccgagg	agtttaggtt	gcaagttttg	ggtttcttgt	1080
ttgtttttgt	tttgcttctc	gctttaattc	tttaattttc	agccattact	ggtattgaaa	1140
aataaaatat	ctttaaaaaa	aaaa				1164

<210> 8078  
 <211> 1713  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (222)...(954)  
 <223> similar to gi2570009 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8078

ataacgattt	caagagctgc	acttaagcat	ctagaatttt	ctgcgtcaca	cctcttgaga	60
gaagagactg	gctccaggtc	tgactcagtc	cactacaagc	tagacggtct	tcttaaagca	120
ccaacattac	ttgagtcttt	ggataaaatt	gagaaaagag	tctacaagta	ttgtggactc	180
tacaggaggc	aggaggctga	caactggcag	taaagacaaa	gatgtcaggc	ctgcggcccc	240

gcactcaagt	ggacctgag	attgagcttt	ttgtaaaggc	tggaagtgat	ggagagagta	300
ttggaaactg	tcccttttgc	caacgccttt	tcattgatcct	ctggctttaa	ggagttaaat	360
ttaatgtgac	aactgttgac	atgaccagaa	agcctgaaga	actaaaggac	ttagccccag	420
gtaccaatcc	tccgttctctg	gtgtataaca	aggagttgaa	aacagacttc	attaaaattg	480
aggagttttt	agaacaaacc	ctggctcctc	caaggtaccc	tcacctgagt	cccaagtaca	540
aggagtcttt	tgatgtgggc	tgtaacctct	ttgccaagtt	ttctgcatac	attaagaata	600
cacaaaagga	ggcaataaag	aattttgaaa	aatctctgct	caaagaattc	aagcgtctgg	660
atgactactt	aaacacccca	cttctggatg	aaattgatcc	agacagtgct	gaggaacccc	720
cagtttccag	aagactattc	ttggatgggg	accagctaac	actggctgat	tgtagcttgt	780
tacccaagct	gaacattatt	aaagttgctg	ccaagaaata	tcgtgacttt	gacattccag	840
cagaattctc	aggagtctgg	cgttatctcc	acaatgccta	tgcccgtgaa	gaatttacc	900
acacgtgtcc	tgaagacaaa	gaaattgaaa	atacttacgc	aaatgtggct	aaacagaaga	960
gttaggagag	ctcttacagg	agaaaaggct	atatttgtga	tcagatttta	cttattgaca	1020
tattagaaag	gtttttgcaa	ataagaatat	gaaaaatact	gtttcttcta	tccaactctc	1080
ttatgaaaag	gaactctgta	ttttctatta	gccataaata	atctgtccac	tgtattttac	1140
aggtcttcat	acttttactt	aattttcttt	atctgtatgg	caaaccactg	caatcctgaa	1200
tgacatggaa	agcatcaca	tcttttgccc	tttgcttgaa	ttcctggaat	gcatacatat	1260
aagctaaaca	gatgtctgca	gttataaatg	tcataagtag	aggtaacaatc	tcacctgtct	1320
ccttagaaac	atttccatat	aaatcgctaa	aataatttca	catttttggt	agttaaata	1380
atacatgagt	ttatttctga	tataaataat	aaatacagag	agtgagcata	tcagagaggc	1440
aaattcttaa	agaatgattt	ttaaaatacg	ctctaggaag	agctcaagat	caattggtca	1500
tagaacagca	tttgacgcct	agaactatga	ccacctcaag	gtcagagatg	agaatgtagc	1560
ctttgtgacc	agatttatatt	atttttaaat	gaagaagcac	tcattaaata	aaacataatt	1620
ttaaaaaaca	atataagaaa	caaagtcaac	tgaatctttt	attcatagaa	atgaaaagga	1680
aaataaaaac	tgtggctgac	gtcgacgcgg	ccg			1713

```
<210> 8079
<211> 1983
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1984)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (300)...(1092)
<223> similar to gi5668737 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8079						
tttgattcgt	agacctagtc	cgtgcggttg	aattccttcc	ttgcccggat	tcccagaagc	60
tggagaaaaga	gtgccagtc	tccgaagagt	ccatgggggtc	taattccatg	cgttctatcc	120
tggaggaaga	cgaggaagac	gaggagccac	caagagtctt	tttataccac	gaaccacggt	180
cgtttgaagt	aggaatgcta	gtctggcata	aacataaaaa	atacccttcc	tggccagcag	240
tgggtcaaaag	cgtcaggcag	agagataaga	aagcaagtgt	gctatacatc	gaaggacaca	300
tgaacccgaa	aatgaaagg	ttcacagtgt	ctcttaaaag	tttaaagcac	tttgattgta	360
aagagaaaaca	gacgcttctg	aatcaagcca	gggaggactt	caaccaggac	atcggctggt	420

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gtgttccct catcaccgac tacaggggtcc ggttaggctg cgggtctttt gctggctctt 480
tcctggaata ttacgaggct gatataagct atcctgtccg aaaatccatc cagcaggacg 540
tggtggggac caagcttcct caactgagca aggggagccc cgaggagccc gtggtggggt 600
gccccctggg gcagaggcag ccctgccgga aaatgctccc cgaccgctcg cgggccgccc 660
gggaccgggc caaccagaag ctggtggagt acattgggaa ggccaagggc gcggagagcc 720
acctgcgggc catcctaaag agcaggaagc catctcgctg gctgcagacc ttcctgagct 780
ccagccagta cgtgacctgt gtggagacct acctggagga tgagggggcag ctggacctgg 840
tggtgaagta cctgcagggc gtctaccagg aggtgggggc caaggtgctc cagcgcacca 900
acggcgaccg gatccgggtc attctggacg tgcttctgcc cgaggccatc atctgtgca 960
tctctgcggg ggacgagggt gactacaaga cggctgagga gaagtacatc aaggggcctt 1020
cgctgagcta ccgggaaaaa gaaatatttg acaaccagct ccttgaagag cggaaaccggc 1080
gccgtcggtg agggagcagc cggctgtgct gtcagcgggg cctggcgggt gaagcgcctc 1140
cagtgtgcat gagcgtgtct gaagatgggg ggctcagggg gcacgtttgc gtttgacct 1200
gtctgtgct tctcctgccg tggcagttcc ctgatttcca tacttctgga gaatccattt 1260
cgttaacact gaaagccagt tctcttttcc tggcagtttt tttcatttta tttttggcat 1320
tttttacaag ataccgttcg ggaaaggctt ttgaaaggac ggaagcgtat tactgtgctg 1380
ccagtactcc tggctgtgct gtggtttctc ccgacgtgca catcgatctc gtatgtgtgg 1440
catctgatat taaacgggag gttttaagaa gcgtctgccg tgatcatgga gcttcggaag 1500
cgggaatggt tcttccgggt ttgctgtttt gtctgtttcc cccttgtgtg gtttccgcct 1560
gcgacagttc cagaatttgc tctccactc agtgtgctct gcagctgtga ggaaacagcc 1620
ttcgttagag gcgggagcag agacgagccg ctgctctgtg tcgtgtttgc tgtggctgca 1680
gggagaggag cgggacacgc acctttccag gggcctctgt gtcccgcact gtgtgtgagt 1740
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cgcccgcctg ggncttgttc tgagtgcatt tccctgcaat gtgtcgtcaa tgcacagcca 1860
gtcaacgcgg tcttagtcaa tcgggcgcgg atgggtaatg ttnggggttc caggggtggg 1920
cgcgaagcan ttcaagggtc aatttttngg aagcctnggg gttggaantg aacaaancgc 1980
att 1983

```

```

<210> 8080
<211> 1787
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1788)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (95)...(406)
<223> similar to gi2443310 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8080
atgtcgcgcc gacctgaatt cccggatcga cgatttcggt cccaaccgc cagtcgcggt 60
ctccggcgcc agctacgccg ctgccgctgt cactatggcc cattacaaag ccgccgactc 120
gaagcgtgag cagttccgga ggtacttgga gaagtcgggg gtgctggaca cgctgaccaa 180
ggtgttggtg gccttatatg aagaaccaga gaaacctaac agtgcttttg attttttaaa 240
gcatcactta ggagctgcta ctccagaaaa tccagaaata gagctgcttc gcctagaact 300

```

```

ggccgaaatg aaagagaagt atgaagctat tgtagaagaa aataaaaaac tgaaagcaaa 360
gcttgctcag tatgaaccac ctccaggagga gaagcgtgct gaataggatt cttctcagtt 420
tgaaagacaa tgaaaaatgg ttttgtatga cttgaatagt ttgtatagta tataatcttt 480
tctgaacaga tgctattgga actcttttaa tatgtgtaat tcacctatca cactctgtta 540
aaaacacata gaatcatcaa taaaaactca atataacttt ctttggtgct taaagcagga 600
gaatccaaag taaatcctga acaaaaccta aacacagcca tctaactcat taccttaaaa 660
gacattctgt ttattagtct gattaggaat gatggcactg gttgtatttt agccaagaca 720
gttttagcatg gagctattcc ttggtgcagt tcaggatatg aacacagggt acagtcattc 780
tttgaacggt gacactgggt ctgtatatcc cctataggca gctggagaga tctgtgtgac 840
acaagatgct tttgtacggg gttcccatga atcttctgct cttgtttgtg tgacatggaa 900
caaataactt ctttgccacc actttgcctt agataactgt gtgtgtgtgt gccagtttga 960
actctgacac cacattttcc ttctatgcaa tcatgcctgt ctgataatct tgcattgctt 1020
tcctctgagc tttagtgggt cctagtgtgca cactggcctt tctgtgctgt ttttcaattt 1080
gcctaataat agcagttacc ctgattgtaa tttatgtaac tttaaacagg atcacactgt 1140
acccctgcc tgccttattt gcttactgag cacaggacag aggcaatata caactctggg 1200
ttcacacaca agctgagatg agaagaggaa tgagccatat attggggaaa atcatagttt 1260
gtagggtataa ttatatagtg cttttctccc tcaaagtatt tttctagcct tgaattcatt 1320
ttatcttcat tatccctgtg aagtaggtgg gacaagtata aggggaagag ggggtgctgaa 1380
tttttaggcc aaagactgat attaatacaa atcactcact aactgtagag ccttgggcat 1440
tatcagttaa ctactctgag atttactgtc ttcactctgt taatgagtag aatgtccgtg 1500
atgcctacct cacagggttg ttgtgagggg caaatgagaa tgtatgtgaa agatttgtaa 1560
atggtaaagc actatattct tgtttgttag tcctttttcc tttctttggg tagacctaca 1620
gtcagatgtt ttgttttatg gatcacttat tttccttact ggtagactgt cgttttatag 1680
acatattcct atttcatata ttctctccct gttgttagag aacctatctt tgtttttggt 1740
caaaacacac atagaaaaca naatgatcca atgaaaactg ggttaac 1787

```

```

<210> 8081
<211> 3273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(2707)
<223> similar to gi2984586 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8081
cggtctttct cggtcagtc tcagcgaagc gtctgcgacc gtcgtttgag tcgtcgctgc 60
cgctgccgct gccactgcca ctgccacctc gcggatcagg agccagcgtt gttcgcccga 120
cgctcgctg ccggtgggag gaagcgagag ggaagccgct tgcgggtttg tcgccgctgc 180
tcgccaccg cctggaagag ccgagccccg gccagtcgg tcgcttgcca ccgctcgtag 240
ccgttaccg cgggcgcca cagccgcccg ccgggagagg cgcgcgccat ggcttctgga 300
gccgattcaa aaggtgatga cctatcaaca gccattctca aacagaagaa ccgtcccaat 360
cggttaattg ttgatgaagc catcaatgag gacaacagtg tgggtgcctt gtcccagccc 420
aagatggatg aattgcagtt gttccgaggt gacacagtgt tgctgaaagg aaagaagaga 480
cgagaagctg tttgcatcgt cttttctgat gatacttgtt ctgatgagaa gattcggatg 540
aatagagttg ttcggaataa ctttctgtga cgcctagggg atgtcatcag catccagcca 600
tgccctgatg tgaagtacgg caaacgtatc catgtgctgc ccattgatga cacagtggaa 660
ggcattactg gtaatctctt cgaggtatac cttaagccgt acttccctgga agcgtatcga 720

```

cccatccgga	aaggagacat	ttttcttgtc	cgtggtggga	tgcgtgctgt	ggagttcaaa	780
gtggtggaaa	cagatcctag	cccttattgc	attggtgctc	cagacacagt	gatccactgc	840
gaaggggagc	ctatcaaacg	agaggatgag	gaagagtcct	tgaatgaagt	agggatatgat	900
gacattgggtg	gctgcaggaa	gcagctagct	cagataaagg	agatggtgga	actgcccctg	960
agacatcctg	ccctctttta	ggcaattggt	gtgaagcctc	ctagaggaat	cctgctttac	1020
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aaccttcgta	aagcctttga	ggaggctgag	aagaatgctc	ctgccatcat	cttcattgat	1200
gagctagatg	ccatcgctcc	caaaagagag	aaaactcatg	gcgagggtgga	gcggcgcatt	1260
gtatcacagt	tggtgacctc	catggatggc	ctaaagcaga	gggcacatgt	gattgttatg	1320
gcagcaacca	acagacccaa	cagcattgac	ccagctctac	ggcgatttgg	tcgctttgac	1380
agggaggtag	atattggaat	tcctgatgct	acaggacgct	tagagattct	tcagatccat	1440
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aagaagatgg	atctcattga	cctagaggat	gagaccattg	atgccgaggt	catgaactct	1620
ctagcagtta	ctatggatga	cttccggtgg	gccttgagcc	agagtaaccc	atcagcactg	1680
cgggaaaccg	tggtagaggt	gccacaggta	acctgggaag	acatcggggg	cctagaggat	1740
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aagtttggca	tgacaccttc	caagggaggt	ctgttctatg	gacctcctgg	ctgtgggaaa	1860
actttgttgg	ccaaagccat	tgctaataaa	tgccaggcca	acttcatctc	catcaagggg	1920
cctgagctgc	tcaccatgtg	gtttggggag	tctgaggcca	atgtcagaga	aatctttgac	1980
aaggcccgcg	aagctgcccc	ctgtgtgcta	ttctttgatg	agctggattc	gattgccaag	2040
gctcgtggag	gtaacattgg	agatggtggt	ggggctgctg	accgagtcac	caaccagatc	2100
ctgacagaaa	tggtatggat	gtccacaaaa	aaaaatgtgt	tcattcattg	cgctaccaac	2160
cggcctgaca	tcattgatcc	tgccatcctc	agacctggcc	gtcttgatca	gctcatctac	2220
atcccacttc	ctgatgagaa	gtcccgtggt	gccatcctca	aggctaacct	gcgcaagtcc	2280
ccagttgcca	aggatgtgga	cttggagttc	ctgggtaaaa	tgactaatgg	cttctctgga	2340
gctgacctga	cagagatttg	ccagcgtgct	tgcaagctgg	ccatccgtga	atccatcgag	2400
agttagatta	ggcgagaacg	agagaggcag	acaaacccat	cagccatgga	ggtagaagag	2460
gatgatccag	tgccctgagat	ccgtcgagat	cactttgaag	aagccatgcg	ctttgcgcgc	2520
cgttctgtca	gtgacaatga	cattcggaag	tatgagatgt	ttgcccagac	ccttcagcag	2580
agtcggggct	ttggcagctt	cagattccct	tcagggaacc	agggtggagc	tggtcccaagt	2640
cagggcagtg	gagggcgac	aggtggcagt	gtatacacag	aagacaatga	tgatgacctg	2700
tatggctaag	tggtggtggc	cagcgtgcag	tgagctggcc	tgccctggacc	ttgttccctg	2760
gggggtggggg	cgcttgccca	ggagagggac	caggggtgcg	cccacagcct	gctccattct	2820
ccagtcctgaa	cagttcagct	acagtcctgac	tctggacagg	gggtttctgt	tgcaaaaata	2880
caaaacaaaa	gcgataaaaat	aaaagcgatt	ttcatttggt	aggcggagag	tgaattacca	2940
acagggaatt	gggccttggg	cctatgccat	ttctgttgta	gtttggggca	gtgcagggga	3000
cctgtgtggg	gtgtgaacca	aggcactact	gccacctgcc	acagtaaagc	atctgcactt	3060
gactcaatgc	tgcccagagcc	ctcccttccc	cctatccaac	ctgggtagggt	gggtaggggc	3120
cacagttgct	ggatgtttat	atagagagta	ggttgattta	ttttacatgc	ttttgagtta	3180
atgttggaag	actaatcaca	agcagtttct	aaacccaaaa	atgacatgtt	gtaaaaggac	3240
aataaacggt	gggtcaaaaat	ggaaaaaaa	aaa			3273

<210> 8082

<211> 903

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (858)...(432)

<223> similar to gi4679014 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 8082  
ttggtaatcc aatttggaga gtggccactg aaatcaatta aaaatgttta ttctgaaaga 60  
tgctactata aagtttatag actcaaatgc ttataatgct taatcaaaac taaatttaca 120  
aaaaaaccta gaaacagggt gaattgaaac ctgtagatca ttttataata ttcagagca 180  
acaacttttt taaagacaaa ggctactgtt ttaatatata ttaagagctt taacatgatc 240  
tccctttagt gcttttaatt gtcacatggc tgtaaaccac agacccctcc aaattttaaa 300  
tgatcactga tactacttga gcagaaattc tcagggtgtca gtacttttaa tgttgtgtac 360  
atcaaattac agtacaaaga tgactataaa caagatgcag ccctcgggtt ccatgaacag 420  
cacactatta cagtaaacca agtttatatt ccacatcaa gtgtggctct cccatgactt 480  
cgctttgtga tggatcatta agaatatcct caaatccaat agtctcatca ttaccctca 540  
aaacatccag tgaaagattt gagcttgaaa gaaatggaag acgctgaacc tgctgcactg 600  
ccttgaattc catctgtaat tttagcggag caaatagacc ctgaatgttt ctcagtgtgg 660  
aaaaattcat tttatcttgg ttgagctgga aatttttttc tgataattca aggggatgac 720  
taggcaaaag ttcatttttc acacaagaaa aacctttccg aagaagatca tgactttcaa 780  
aaggctcact tgctgaaagt tcagtaactg gaatactgtc ctttagctca gatccaagtc 840  
ctctggcatt catcttccgc agctctgcga acagcctctc tgccccgtta ccgtcagtcg 900  
acc 903

<210> 8083  
<211> 849  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (551)...(215)  
<223> similar to gi3874352 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8083  
tttttttttt ttatagaaaa atataacttt aataaggaaa ttcaactaag ggtaggagta 60  
ctccaggaac aatggtaatc cccacatgat gatctgattc tcttctggga gcaaaacatt 120  
gcaaccagac aggatggaca aggcatctaa aaaccagta tccttcacct tccgaaagga 180  
gggagggact gtagagttgc ccaggaaaaa ggtcaagagt ctcccttctc ctggaacttg 240  
cagttggtac aggtgtagaa gacagtttgc ccttcacggt ctgaacgcat ctgtctggtg 300  
tggtatgcca ttccttcatg accacatcga gggcagcgcc tgtcaaccac aggtccctgg 360  
cactcaggcc ctccctccac cgacataggc atggctgtcc ccagttggtg gaacacaacc 420  
gaagtcttca caaccttccc ctcaaagtcc cgaacgttga tgttgaagcc acagcgaata 480  
caggtgaccg tatectgagc cccgggcaga ggcaggaccg agccgcaatc tgaacagaaa 540  
tccaggtccg actgaaagct ggagcaagta ttggcgaggt ccatgacaga catgcggtcg 600  
ggtctgagga gggagttgga agtttattaa caaaagagag aagagttcct gtcccagagg 660  
tcgtaactat tctgtcccag gacctaggag tatataacct gaacctcct gccacgcacg 720  
cctcctgcct ctgcgaccaa ggagccgaaa cgcgcggaat tcccagacag cgtcgggtac 780  
taaagcactt ggaacctttt ccgaattccc cgcgctgtac atggtctcaa cctttttttc 840  
cttacattc 849

<210> 8084  
 <211> 1001  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (142)...(582)  
 <223> similar to gi5262549 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8084  
 cactagtagc tgggtgctcca ggctggcggc gctcaccttt ctccctagccg ggtgacccag 60  
 gggatttatt atatgtttggc tttctctgaa atgccaaagc caccogatta ttcagagctg 120  
 agtgactctt taacgcttgc cgggggaaca ggaagatttt cgggaccatt gcacagagca 180  
 tggagaatga tgaacttccg tcagcggatg ggatggattg gagtgggatt gtatctgtta 240  
 gccagtgcag cagcatttta ctatgttttt gaaatcagtg agacttaca caggctggcc 300  
 ttggaacaca ttcaacagca ccctgaggag ccccttgaag gaaccacatg gacacactcc 360  
 ttgaaagctc aattactctc cttgcctttt tgggtgtgga cagttatttt tctggtacct 420  
 tacttacaga tgtttttggt cctatactct tgtacaagag ctgatcccaa aacagtgggc 480  
 tactgtatca tccctatatg cttggcagtt atttgcaatc gccaccaggc atttgtcaag 540  
 gcttctaate agatcagcag actacaactg attgacacgt aaaatcagtc accgtttttt 600  
 ccctacgatt acaaaactgc cagtcctata tggagtctga tcacaagact gcagtttctt 660  
 cacagatctc aggaagttgt cgtggggcag aggccttttta aaaacatgtg attagggagc 720  
 tatctttatc tgaataataa cgaattttta ggtaaaacct gagatagagt actacaaaat 780  
 catgttgatg acttcagatt ttggaagtta aatcatgtct gttatttgca ttcttttagaa 840  
 acttgactaa gtacctgaat tcatatttct attctactgt gcaacatagt gatgattcag 900  
 aaatttttcc tttggggaaa aaaatgaata tgaacatttc cattgtgtta agtgtaaaaa 960  
 ggtccagaca tgatcataaa atttaaattt tatacaatta a 1001

<210> 8085  
 <211> 2249  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(2250)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (2165)...(1707)  
 <223> similar to gi703110 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8085
ggaattcctg ccaagggtc cctgaatggt gtccacacag cgaggaagcc acgcttgatt 60
cttttatcca ggacattctc cacactctgc cggtcctaac tcaggcagca gcataactgg 120
tgactcggct gaggccatgc cagcccccat gcaactgtggc aggaccaggt gttcatgact 180
gactctatgc tggagcttct ggaatgtggg cgtgcccggg tgctggagca gtgtgcccgc 240
tgcattccagg gtggctggag gcgacaccgg caccgagagc aggagcggca gtggcgggcc 300
gtcatgctca tccaggcagc cattcgttcc tggttaactc ggaaacacat ccagaggctg 360
catgcagctg ccacagtcac caagcgtgca tggcagaagt ggagaatcag aatggcctgc 420
cttgctgcta aagagctgga tgggtgtggaa gaaaaacact tctctcaagc tccctgttcc 480
ctgagcacct cgcctgtgca gaccaggctc ctggaggcaa taatccgcct ctggcccctg 540
ggactggtcc tggccaatac ggctatgggt gtaggcagct ttcagaggaa attagtggtc 600
tgggcttgcc tccagctccc caggggcagc cccagtagct aactgtcca gacagcacia 660
gaccaggctg gtgtcacgta catccgagcg ctgcctcagg gatcgataaa gtttactgc 720
agaaagtctc cactgcggta tgctgacatc tgccctgaac cttcaccta cagcattaca 780
ggctttaatc agattctgct ggaaagacac aggtgatcc acgtgacctc ttctgccttc 840
actgggctgg ggtgatcctt ggtgcctttg tttccacaag gccttttctt gccccctgcc 900
ttgccaaaga catttaatca gcacacagct gccagactat tcccacagtg ctccaaatgc 960
acatgaacaa cagtgcaggc tccagccttc gaccagagc cccgtgcccga gtgcgtcagt 1020
gggcctgggg ttccaggcta catcaagcac tgatggtgtc agggctggta gttaccaaatt 1080
cagggttaag aaacatcagg gccacatttc actaccttca cagatcaaac tcagcagcag 1140
tcatgactgt ctgtcactac actggggatc ccaattccac ataagcactt ttggaagaaa 1200
acagccaaag ttggcctaaa attggcgctg gaatttgggc tgggaaaaat cttgtggtta 1260
tttcccttaa aaaggaacaa aactttagta ttaattagt tgatttattt aatgtaattt 1320
caaacaatta aattatgaat aatgcaatgt acagtagaat cacgttttga ttttattaac 1380
actgaccaag ttttaactcca tatgaagtgt aagcttgata tcgtttatga tgtctatcaa 1440
ctgtaccaa agtaaaacat ttaaaaacaa tcatctgaat gtcaagtttt ctctccataa 1500
aggacttgcc accttaagga cccaagtct gcctgaaaca tgagccacat caatgccggt 1560
aaaggcctgc atgacctaat ctgcacctg gaaacctctt ttgctgagc tcccagccc 1620
caaactagct ggtctgggag agggagcagg caggttccag gagtcaagca cacgcttgag 1680
caagcagcac aataatccat cttagactc ctcatcttg gatggctcca caattcctaa 1740
acagcagctc gcaaactcca caaacaagg ctcttgcatg taagctctca tgagctttgc 1800
tttgtcttct cctgatcga ggttgacct caactgcctg aggtgtggat tgagcaataa 1860
gttctttaat gttgcagatt cccctaaatt ctttaaattc tgcaaagaaa ctctgtcttc 1920
ttcctcatca ctattgagaa aatcagctat agagtcatca tcatctttgt tttccacagg 1980
ctttacgggt ttggtaggaa gagctgatct tatttttttc tcaacaggac gagtttcagg 2040
gttgactgt tctttgtgct tccggaagca gactaccgag cagtagggca cgcggcaggc 2100
tggacagcgg tatttgggct tctccaagca gatcacgcag acgacgggtc tacatttgag 2160
cgacgccatg gttttgtgga aggagactgt tcaactgcgc gccgcgcgcg aattccacca 2220
cactgagtat ggacatcgat annagacct 2249

```

```

<210> 8086
<211> 985
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (903)...(398)
<223> similar to gil2586 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 8086

tttttttcagg	cttccgggtc	tttaatgggg	cgggggctgg	gggcagttca	tccaaaggtg	60
gctccgaagc	tgaggtcaac	cttggcggct	ggctctgcag	ggcaaagggg	atggtaagcg	120
gcccgtcagg	ctggggggat	cttgaaaggc	ggaaggagag	cccatgggt	ggcagccaca	180
gctcaaagct	gaggaggagc	ttccctggcc	cagtcccaa	agctttcaac	acaggcaggg	240
cctggggccc	aggcagaagc	ctgcactgcc	ctctggtggc	ctccttggca	ggcgcggctt	300
ccccaggtgg	ccgggacccc	aggagctggc	tgggcccacc	tggcatccct	gccagcccc	360
tggcggggcc	tgggacacc	gggtacgcac	cgcctactcc	agggccttca	ccagggcctc	420
gttggcctcg	attcggatct	ggatctctgc	ccgcgtggcc	tcgtcagctg	tccccaccag	480
ctccgcctgg	gccttctcca	agtttgctt	ggctgcccc	aggtccaaca	tgtccagcgt	540
cacggcctct	tggccaaca	actgcaccga	agagtcggcg	ttactgcga	tggaaaccgt	600
gctcaciaaag	tatttgagg	tggtgccgtc	ctctgcatgc	accacgacca	gccccggccg	660
caggacctgc	agcgtgggca	cgtgggcccgc	caggatgccg	aaggctccgg	tcagcgtggg	720
cacgtccacc	tgcggacgt	tggcacccgtt	gaagaacacc	tgcgtgggag	aggcgaaggt	780
gaaggacatc	tggttggggc	cagaggcggc	agccggggcg	gcggcggcct	cggcataggc	840
acgggcgtgg	cggacgaggc	ggccaagtcc	cgggcggcg	agcagcgcgg	cgggcagcat	900
ggcagcggct	gtccggcagg	atgcgggtag	cttgctgaca	gcgggactcc	ggcgcggcgc	960
gggcggcctg	gagggcgagg	aggac				985

<210> 8087

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1612)...(1069)

<223> similar to gi5103142 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8087

tttttttttt	ttcaaaatat	gaaaatttat	tttgcatagg	aaacaataat	ctctggtaaa	60
catcattact	gcatctaaca	aaacaatgcc	ttcaattaaa	gggggaaagt	gagtttttaa	120
acattagggg	taatttagaa	gaaaatacag	tatataataa	tctcaacatc	atgtttaggg	180
taaaaatgct	ataatgtgaa	aaaagtcct	aagaactgga	cagaacctac	ctaacaacac	240
catttaccgt	gtatgttttc	aatagacaaa	acatattttg	taccaaattc	caacagtggt	300
aattctatag	ttgtggccct	ttaaaaaatg	gcagcattgt	acttgaatca	gaaagcttac	360
tgggatttcc	tcatcgaaag	tagagattgc	agctaatacct	agtacctttt	gttagtaatt	420
acttaaggca	cagtgcmaa	ttgaaggact	gttttggtac	aaactcaagc	cagctacatg	480
tatgcttgcc	ttggtatcct	tgctagagca	catgcaggta	taataccgta	ttatacacia	540
caaggccacc	ctgttgtatc	tgtgttacaa	ttaaacatca	gtcccagaaa	gtgaacccta	600
gtcatttatt	ataggtgccc	acctctgact	tggaaacaaa	tgccactcca	ttcatgttca	660
tttttgtcct	ggagaggatt	tatttcttaa	aagattctga	aagccaacaa	atcaatgtgg	720
ttcttcatag	agaacttaag	agtaaggctc	aaaatggcct	caaaatgggc	ttcttgatg	780
acttccaaca	gtgactggcc	ttctcaacac	tgcagatgtc	tgagcactac	cataacctaa	840

cgaagtgagg	aaggaggagg	caaattggta	tttttaaaca	agaatttaag	tggtctcttc	900
tttcaagtct	aaaaaacct	ttggctttta	agattataaa	ctgatttact	aaatttataa	960
aagaccttaa	tttagcaaag	agcttctttt	tcctttgggt	cagttactca	aaatccactg	1020
tgtgaaggaa	taatgtatcc	atcattcagc	ctttatagcg	gtcttccggt	agcgaagtac	1080
tgctactggt	acccatata	ttaaagccag	catgatccca	aaacgtagaa	gaattgtaaa	1140
atcattgggt	gtcattaagg	ttgtgattat	tcttggttgc	caggatatagg	aagagagggt	1200
ccaagtcagc	gcactcacag	ttcctgagtc	tctcgtcttc	cacagacact	ggagctgtgc	1260
aaacttactg	gccgcgctga	tgaaagtaca	tagattcatg	gccagggtcta	tgatccactt	1320
ctgcagggca	aggatgaacc	aagaagacac	caatacagcg	atgtaaggag	tggcctgctt	1380
caggttccc	ttaaaatgaa	agatacagag	caggaggatg	acatcttgcg	cgatgaggat	1440
gggtactcc	aggtaggtca	gcggcggata	cccatagtaa	cactggtacc	gcagaaacac	1500
caggaatcct	gccaggtcca	gaagtaaact	cgggaaggctg	aggccccgcg	cgctgcgcgc	1560
cgctagcaca	gcggagatct	gcggcagctt	cagcgcggcg	cacacgccc	gcgtgctcca	1620
gttacacagc	cccagcagcg	ccgcctccat	agcgccacgg	gcgcggggcac	ctgggcggcc	1680
gcagcgagaa	gggaccgctc	agcctcggcg	gcgcagctct	gccgaagcct	tccgccttcc	1740
cgggatccgc	ccgggaccac	ccggccaggg	ccc			1773

<210> 8088  
 <211> 1250  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (379)...(861)  
 <223> similar to gi6006361 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8088						
cattgcttga	ggttgcccag	gtagtttctgc	cttacacttc	ttgtcccagt	gcaattatta	60
gtagagctcc	ctttcactgt	caaatttccg	gttggggata	aattgcattg	tcgttttgggt	120
ttgagatagg	aagatgaggg	gaggaaggag	gtgaggcggt	aaggggcgtt	ctctctcttg	180
ggtcccgcgc	ccaacttccg	ctggcccaaa	gaaactataa	ttttgaacca	acagacctct	240
gctggcatct	gcgattgcat	ttttcctggt	ttaacaacgg	ctgtgctaga	cgaagtgggtg	300
aagcccaaag	acttattttt	gagctcgctg	taagactgag	aatcacgta	gtccttctctg	360
aaaccactaa	gaggaaaaat	gtctgtgaca	ctgcatacag	atgtagggtga	tattaaaatt	420
gaagtcttct	gtgagaggac	acccaaaaca	tgtgagaatt	tcttggtctct	ttgtgccagt	480
aattactaca	atggctgtat	atttcatagg	aatatcaagg	gtttcatggt	tcaaacagga	540
gatccaacag	gaactggaag	aggaggcaac	agtatttggg	gcaagaagtt	tgaggatgaa	600
tacagtgaat	atcttaagca	caatgttaga	ggtgttgat	ctatggctaa	taatggcccg	660
aacaccaatg	gatctcagtt	cttcatcacc	tatggcaaac	agccacattt	ggacatgaaa	720
tacaccgtat	ttggaaagggt	aatagatggt	ctggaaactc	tagatgagtt	ggagaagttg	780
ccagtaaagt	agaagacata	ccgacctctt	aatgatgtac	acattaagga	cataactatt	840
catgccaacc	catttgctca	gtagctatga	tagacctgga	caaataactt	gacaaattgc	900
tggaacacac	ttattgtggt	ttacccggtt	ttaattatgt	cagagattgc	atcatccttc	960
tgcttggtta	caactatgat	cttctatgaa	atggtggtac	caaggggcgc	ccaacagctt	1020
ttatcccaa	tcttagagca	tattctttat	tataatgatt	atccaacata	tttctttaat	1080
tttaatacaa	aaaatacatc	atttaatttt	tgttacatat	gaacattcat	ttttaaatgc	1140
tcagcctcaa	gtgcaggcat	ttttgagtgg	cctgattaca	tattcctccc	acagcaagtc	1200
cgtatcctgg	aaaaattaac	cccgcccaa	gttttaaaag	ttttaaaaaa		1250

<210> 8089  
 <211> 1804  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1785)...(1283)  
 <223> similar to gi5360117 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8089  
 tttgaaggaa tctcattaac cagtttactg acaaagagat gtcggatcat acagacaaag 60  
 ggaggcctgg ggaaagctat gggggaaggg gtagcatagc ttgcaagccc accccagggc 120  
 accaccctgt aggaacctac ataaaaaagt ctaccaatgg tgcaactatt taactgggat 180  
 aaagattatt ctgttcagca atacttggac aactcttttt attatctttc tacagtaaac 240  
 aaagtataat cccaaagttc tgcagatatt taattgggaa aagacacaac cctacagtca 300  
 gttgggaaaag actaccttta gaagagaaaa atgaattggt tgggaagaaa tacattaaca 360  
 gaactgtatt tctaacgcat ttacttttta agccatcaaa tgttctcatt tgagccacgt 420  
 gttctgtgca cattcagaga accttttgaa aatgaattaa gtctttgcct tctttagtct 480  
 gttgataaac tcttgagaat gctgagaaat ctccagaaaa ccagtatggt ttctcttggg 540  
 aacgaattgc agagcctctt gccaatacc attgtttttc agacataaca aaatacgtat 600  
 catttgatct aagggtgagat ttttgttacc aatttcccat tgtaaataatt tatctaattg 660  
 aaggcattca gttgccagggt tcagccggtt tgccctggct agggatgtgc ctggctgcat 720  
 actcttatca acaaaagacc caattacata aactttgtca tgcctgaaag tagtcataac 780  
 attgggagaa tctgcagtta aatagataat actgtccttt ggaaataaat ctacatgaga 840  
 cttttctggt gatgttaaaa gcaatttggt ccatttttct tgataccggt taactaactc 900  
 tctgtgcaaa gcaccatcta tttttagatt gcagaaataa atatggaaag gatcaacatt 960  
 tcttctgttc catccttcac tttctaaaag ctgggaaaca gtattctgca attcttttcg 1020  
 tttcatataa ttttcgtaag ccatgtcaaa aaccaaaggt tgtccaaact gcatggcctg 1080  
 ggcacccttc cagcccattg ctatgtccat attcctatcc caaagtcgta aaaatagaaa 1140  
 gtttttctgt ttatcttcct cagtgggttc tagcagcttg atattttttg cttcttcct 1200  
 tgctgctgct ttcatttcct tttttatttg cctagctttt ttacttttt ccttcgtata 1260  
 taaatatttt aaatattttt tttttgctgt gttagaaca cattccataa gggttttgag 1320  
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 ttcttgcaca ctagatttca tggtagtttt ccacttatcc aactctagct cttcagaagg 1500  
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 aggtctgaag aaattgacac taacactcat tttgaggaaa gcagccatgt aacaaaaccc 1680  
 caggagtgc gagatagtgg ttcccgtgg cgcaaagaac agggaccctg gaggacgaag 1740  
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 gtct 1804

<210> 8090

<211> 917  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(918)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (567)...(241)  
<223> similar to gi5304856 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8090  
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aaaaagccgt cccctggttg ttagctctga tgtaaaatta taaaatagaa atctggtagg 180  
gtttgttttg tttaaaaagg aaaagccctg gtgaggcagg gcggtcccag gcagtcctgt 240  
tagctctggc cggttgggtct gccacaggag ctccctcctg gaggctggat ctgaatggag 300  
tccaggaggg gccgaagtgc ctgtccaaag ggcgtggaga gaacttcaga gggcagggtct 360  
gtgatgtaag aaggaatctt ccgcccagtc aggaactgtg ccacttcgtt gctgaagggtg 420  
ttacaattgt gttcaaagag gttgtaggcc tcacctcgga acagggactc ccccaggagg 480  
gagagggtact ccagaaagat ttcttctgtg acttctgtac tccccacatc aaccacagag 540  
tctggaggcc caagcaatgt ccctcccggg gggcagctgg agataccacc actgccgaag 600  
aagaactcat ccttgtgcac aactatggat gtgtgccaga tgccttccag ttgtttcccc 660  
agcatgatgg ggctgagccg ccggggccagg cctttggaca ggtcgtacac gtagagcttc 720  
accgataga gattcggcgg ctccattggg acccgtggcg acggcggcca cgacggccct 780  
cgggcacccg gcagcggctt gaaccttccc gtacccgacg ggagtgcgaa gcggaggagg 840  
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gggncggggg gggggggg 917

<210> 8091  
<211> 1593  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1594)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1332)...(375)  
<223> similar to gi5764010 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8091

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ccggggccca	ggctcatgca	acacgaccct	caccgcggct	cggggtccgtg	gggccgtcag	180
agaaaccttt	ttaaaaaatg	gagatgaatg	ttacagaatt	ggacaacccg	aactgctttt	240
caaaaccaga	ggaaggaggg	tttttagccg	ttactcagat	actcagtgtc	ggggaggagg	300
gcctgacttc	agcaacagct	gtgggtgggc	tggaggccgg	cgcatcttgg	ggccccccgc	360
gccagctgtc	tcagccacca	cctgtgcggc	gcttgctccg	aggggtcagc	aagagcaact	420
gatggctgcc	acttcagggc	cccagagagc	aggcctcacg	taactttact	gcagccgagg	480
tccaggccgt	ggagggggtc	ctagctccgc	tgcattctgc	atcccaagtg	ggcacgtgga	540
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tccgagctag	gacagtggtc	aggccgggtc	ggattccacg	ggatgaaaac	tgagagcac	720
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caggggttct	cctcctttcc	acaacctccc	atccttccat	ttccagtcct	ctcttcccat	1200
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cgttcagcaa	cgagtaatg	tcttcattgt	ccagctcctc	ctcgctcaag	gccgtcgcca	1440
tcttcgcaac	ctttcacccc	gccaaaccgg	caaggaagtg	ctcaagaggg	gccagtgate	1500
cgcgtcaggg	acagcgcggg	ctcgaaatcg	tcgaccgggg	aattgcgggt	cgggtgaccgc	1560
tcgtcgagga	catcaaggnt	tnnttacatt	tcc			1593

<210> 8092

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (219)...(1335)

<223> similar to gi3924708 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8092

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gggaggctgc	ccgggcgctg	agccccagc	ccggagcagg	tcacgatgag	ggcccaggct	180
ctggatgggc	tgccaaaggg	accgtgcggg	gctggaaccg	gagagcccca	gagagccctg	240
ggcatgtgtc	agagccggac	aggacccagc	tgagccagga	cctgggtggg	ggcacccctg	300
ccatggacac	gctgccagat	aacaggacca	gggtgggtgga	ggacaaccac	agctattatg	360
tgtcccgtct	ctatggcccc	agcgagcccc	acagccggga	actgtgggta	gatgtggccg	420



aggccaaccg	gagccaagtg	aagatccaca	caatactctc	caacacccac	cggcaggctt	480
cgagagtgg	cttgtccttt	gattttccctt	tctacgggca	tcctctgcgg	cagatcacca	540
tagcaactgg	aggcttcac	ttcatggggg	acgtgatcca	tcggatgctc	acagctactc	600
agtatgtggc	gcccctgatg	gccaacttca	accctggcta	ctccgacaac	tccacagttg	660
tttactttga	caatgggaca	gtctttgtgg	ttcagtggga	ccacgtttat	ctccaaggct	720
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aacctaattc	catcctgttt	tgatgcaagg	gttctcttct	gtgtcttgta	accatgaaac	1860
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aagaagtctt	gcaaacctcc	cctggaccct	tgtcgtgtgc	cagatgtctg	cggttgtcag	2160
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<210> 8093

<211> 1714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (76)...(1208)

<223> similar to gil178039 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8093

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tctgggctgg	tgaaggccgg	ctttgcgggc	gatgacgcgc	cccgcgctgt	cttcccgtcc	180
atcgtggggc	gcccgcggca	ccaggaggtt	atggtgggta	tgggtcagaa	ggactcctac	240
gtaggtgatg	aagcccagag	caagagaggc	atcctgaccc	tgaagtatcc	catcgagcat	300

```

ggatcatca ccaactggga cgacatggag aagatctggc accacacctt ctacaatgag 360
ctccgtgtgg ctcccaggga gcaccccacc ctgctcacag aggccccgct gaacccaag 420
gccaaccggg agaagatgac tcagatcatg tttgagacct tcaatgtccc tgccatgtac 480
gtggccatcc aggagtgct atccctgtat gcttctggcc gtaccacagg cattgttctg 540
gactctgggg atggtgtaac tcacaatgtc cccatctatg agggctacgc tttgccccat 600
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aatatgacag ttagctggga gttataatgc taacttttga tttcatattt tgagacagaa 1560
tcatgaatat atttcatacc tgaaaagcag attaagattt agttccatat aagtaagaaa 1620
tgaaattgaa taagatagtt ctctagaatt agttgtctgca gatgacactg aagattattt 1680
caacatatgt tccagttgtt tttgtaacct tgct 1714

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<210> 8094

<211> 5260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(3277)

<223> similar to gi5106521 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8094

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gccccgagcc cgagcgcccc agccgggag atggaaatcc aagagaaaac agccattcc 180
tcaacaatgt cgaggtggaa caagagagct tctttgaagg gaagaacatg gacttttctg 240
aggaggagat ggacagtaac cccatggtgt cctcgctgct caacaagctg gccaactaca 300
ccaacctgag ccaggggcgtg gtggagcacg aggaggacga ggagagccgg cggcgggagg 360
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tgggcgctcat cctcttctct cgccctgacgt ggatcgctggg ggtggctggt gtccctggagt 480
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ccatcttcca ggcggaggct gcagggtggc aggcggccgc catgctgcac aacatgcgtg 780

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aactacagcc	atttacaatt	gactccgttt	cctttttag	gtttccctgt	ctgtctgtgt	5220
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<210> 8095

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (336)...(473)

<223> similar to gi340430 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8095

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gtaaaagcat	ctttttccag	cctgggcatc	atagcaagac	cctgtctcta	caaaatgtat	180
atgtatatta	tccaggcgtg	gtgtcatgcg	cctgtcgtcc	cagctacttg	agaggctgag	240
gagggaggat	tgtttgaggc	taggagttca	cgaccagcct	gggccacata	gtgagaccct	300
gtttaagtaa	ataaataact	gtttttcttt	ttccagggaa	atgttttggg	ggatcaggtg	360
acctccgcag	gcatgtccgc	actcacactg	gggagaagcc	gtacacatgt	gagatctgta	420
acaagtgttt	tacccgctct	gcgggtgctcc	ggcggcacaa	gaagatgcac	tgcaaagctg	480
gtgacgagag	cccagatgtg	ctggaggagc	tcagccaagc	catcgagacc	tccgacctcg	540
agaaatctca	gagctcagac	tctttctccc	aagacacgtc	tgtgacgctg	atgccagtgt	600
cggttaaact	ccctgtccac	ccagtggaaa	attctgtggt	agaatttgat	agccactctg	660
acggctccta	ttgtaagtta	cgggtccatga	atccaaccct	catggagtta		710

<210> 8096

<211> 1330

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (30)...(1114)  
 <223> similar to gil085028 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8096

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aagggaagaa	acacagcagt	ggcatcgtgg	ccgacctcag	tgaacagagc	ctgaaggatg	180
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ttgaaggatt	tgagggtactg	aagaaagtga	agactctctg	cctccgcca	aatttaatta	360
aatgcattga	gaatctggag	gagctacaga	gtcttcgaga	gctggatctt	tacgacaacc	420
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aaaaaaaaa						1330

<210> 8097  
 <211> 5014  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (255)...(4048)  
 <223> similar to gi5689423 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8097

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ggggacggac	aagggcattt	gctgatcttc	tggtggaacg	acaaacagga	caacaagact	240
ccgaccccta	ctccccagtc	actattgatc	agatcttaga	gatggtaaata	ggccagaggg	300
gactagtgtc	ttactattcc	ctggctgcag	gctatctgta	tagctggctg	ctggctcctg	360
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<210> 8098
<211> 2114
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (200)...(1393)
<223> similar to gil83064 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gtttgttaag aatgcctctg aaattgaagt gccttttgtt acaaggaaca aagatgtggt 600
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atcacgggttc	caacccgaga	acacaaagaa	acgcactttc	gtggcagccg	acgggaaatc	840
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<210> 8099

<211> 1529

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (132)...(1043)

<223> similar to gi3880929 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8099

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<210> 8100

<211> 7445

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (322)...(2574)

<223> similar to gi2224705 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8100

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<210> 8101  
 <211> 2009  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (116)...(1204)  
 <223> similar to gi292419 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 8102  
 <211> 2670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (704)...(1148)  
 <223> similar to gi5912098 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tttgagagat tttcctgtgg ctacaaggca agtaacgggt tggaaaaagt cctgactgta 2160
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ttagatacgt gtagtggtgt ttcagaatgt ttgtttatgc actagttcag acaactttcc 2280
ctgttacttg ttcttgataa gtgaaaactg cagggaataa aaaaatacat atcaaaacat 2340
ggacatgctg catatgtgtt tatttcacaa tgtgcacaca gtataagtga aaatttaagg 2400
gagatgatag cacttaacag cacttttcat gttcacatgc tttccaagca ttaatgaaaa 2460
gaactatagg aagctcatct gtgggctcta ttgggtttca gataatccaa tataaactac 2520
ctttgatatg aaagttcgta agatatttta cagaatgtaa gtaatttgca gtatcgcagt 2580
cattgaaatg tcataagtga gcctcatttt ataaataaaa gtttagagta gaattatatt 2640
gcaagggggg tttgtcaagt aagtactggg

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<210> 8103  
<211> 2424

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc feature  
 <222> (2324)...(1052)  
 <223> similar to gil91986 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8103

gtgtctcagc	tggggaagca	gagggagctg	gtgacacctc	gtggggccac	agggaaggtc	60
ggcgacaaaa	ccaggcaagc	cctgtggtca	cgcaggagga	gttgggacca	cgctgcatca	120
gaggaaggct	gtggagtatt	caatgaatgg	aatttaatgt	aactatgaca	taaacacaca	180
caggggtggg	aggacgggtg	accaagcgca	gacgtgggtg	acacgtggcc	ccgctctctg	240
gaccctcagt	gggaaaaagt	ctgaggctgg	cgtctctcac	caaaccccac	ctcccctggt	300
gggtcaatac	tgatctggct	gagtgcagac	atctcgtgac	ccaggctggc	cctgggaagg	360
cgccacaggc	gaggcctgcg	agtccaggga	gcaggcagac	gctacagtgg	cccccgagcg	420
cgccagggtg	cagcctcgac	gtgtaaattg	cccgtctgcg	gcgctgctgg	gaaggaagac	480
aagaagggtg	agggtctcgt	ctcaccaagt	gcttcctgag	tgccgtagga	cgtgggtggg	540
acatggggga	cagtgaagg	taacacaaac	agcaacgaat	gcacaaagac	aagtttccag	600
gaacacccat	taaacccata	acgttcaaca	aaattggcaa	caaaacgacg	cccctgctgg	660
cctggcgagg	ctggcgccct	ccttcgtggc	agatgccacc	tgcagctggc	tggctggcaa	720
cggttggcca	agcttttttg	tacctgggag	ctcaacagca	taaaaggctg	taacctctac	780
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tggcctgggg	aaggcagggg	tccctgggca	gaggctggga	gggtggccag	agaccagggg	960
gggcccctcc	atctggtggg	tttggcaggt	gtgtcccctg	gtgctgccac	caggagcccc	1020
gaggccgggg	tgttggtctg	gacagcccct	cactgggtcc	ggagctggta	atctccattc	1080
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tactccttgc	cgcccgggaa	ggacttgatg	gaccacacga	tctcgctgtt	ctcggggacc	1320
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atgtactcga	tgcggctgtg	ggagtgtctc	tgcgtacccg	actcgatcca	tatcaaaggc	1500
ttgacgtggg	tgttgagacg	gtaggacatg	agctcgaact	cgccgtcggg	tgggatgaag	1560
gagatggtgc	ggtcattctc	gaagcgtgat	agccgcacac	actggtggaa	cttcacatcc	1620
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aggcccaggc	gcagctcggg	catgcccggg	aggaagactc	gcattcttgat	ggagcccacg	1740
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tccaagaaca	cctcattctt	ccgatacttg	atgccttcgg	accgccagga	caccgcgttg	1860
gtgacggtgg	ctggtggccg	cgggggcccct	gtttccagct	tgtggccttc	ctgagtgatg	1920
tactcctgca	ggatcttgct	gtcgggtggc	tgggggtagc	cgaagtccat	gagctcgtcc	1980
agcagctcgt	agatgataac	aaagtgtgtc	cggatgctct	cctcctccag	ctccttgaag	2040
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cccccggtgg	ccaggatggg	cgacagcatc	ccctcctcct	ccttctccat	caggatgggc	2220
atgaagtgct	ccacctctga	catgtccacg	tgcgccaggt	agttccggca	gatgagcacc	2280
ttgcccttca	ggtccagcac	gtagacggcg	ctggcgggaca	tgatggctgc	aggaggcctc	2340
ggcagcggcc	gagggcggtg	gcggcgggcag	cgacggtggg	gactgctggg	cgttgagcaa	2400
ggacggggcg	cgcccgcgac	agct				2424

<210> 8104  
 <211> 1768  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (274)...(557)  
 <223> similar to gi4521254 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8104  
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 tccagtgcct gccacagtgt ttgacacctc atagtaggct cttgatgcgt atcagaaatg 120  
 gatctgtgtt ggggcagtgg ctctacgttg ctgcaggagg ggcctttgtg tcaaccgtct 180  
 gtgagaggca gtgtccaggc agaagtcagc tgccatagaa gcaggagtgg cgttttcctc 240  
 ctctaactca gggccgtgtc tctgctccct cttcagctgg tgctgccaga atactccatc 300  
 catagcctct tctgcattat gttcctgtgt gcgcaagagt ggctcacgct ggggctgaat 360  
 gtccctctac ttttctatca cttctggagg tatttccact gtccagcaga tagctcagaa 420  
 ctagcctacg acccaccggt ggtcatgaat gccgacactt tgagttactg tcagaaggag 480  
 gcctgggtga agctggcctt ctatctctc tccttcttct actaccttta ctgcatgatc 540  
 tacactttag tgagctctta acgcaaagac catgcacatc atcagagact gagatgggag 600  
 aggctgaga cggagaggtg catttctgct ggtgactgga ggagggacca gaatgaggat 660  
 acgtgagaaa tagaccggc aggcagtcag actgaatggg agctggaatc acgcagcagc 720  
 tgggagccga gttaaccctg cgtgtctgtg tcaccctgtt tgtcaatctt tggcattcga 780  
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 gaaacactag acctctctg agagagaatt gctgcttctt gaatccactt cattgaacag 900  
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 taaggaacag aatgaccag agtcaaggcc aagtctgcag ggacctgttg aaagcctcga 1020  
 gaatgtcttg gctgcccaag actcttggtg cctttcttcc aagccatggc catgcccttt 1080  
 ttctcaaata ggaggggctg gaggggtgtg gggatttgtc ttcagctgca accagccttg 1140  
 agcctgctgg gctattttca gctgaggagg ggtgaatata ggaaaaatgc atttttgaaa 1200  
 cgtttgcaac atgatcaagg tgtaggttct ccaccacaca agttgtattc ttcttttgcc 1260  
 acctcaaacc atcacagagt ctttaaataa aaatcaattg gtcaatgcta gtcaaagcta 1320  
 tgttcttaca aaaaccccag acagctcaga gctcagaaaa tcctgtggag tggtgctct 1380  
 gtaccgtggg catccggcag ccaggaagtg agacaacata attataactt tgttttatga 1440  
 tgctgcatca tttgtactgt ttaggtcgac gtgaggacat catcttattt agaattttcc 1500  
 gtttggcatt ctcttttggg tgggagttat gctgggggtt gtaaataatg acaaggctga 1560  
 gatttttatg atgtttaaat tgggcacaat gattttgacc ttattcccca aacttctttt 1620  
 cttttctact gtttaacata cacaggctat ttatacacgt cccagctcc catctgaaac 1680  
 ctgtgactca ggtttatgaa tgggtgttgt gtagcaacac attgtgtgct atgtttatta 1740  
 aatgcagcg acaacttgaa aaaaaaaa 1768

<210> 8105  
 <211> 1155  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (149)...(530)  
 <223> similar to gi4902661 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8105

cgcggtggcgg	gcagggcggca	ggagggcgggt	gggtcaaggt	aactctgggc	tacagagtcc	60
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cactggcttt	gctttcatca	ggccaaagat	gcctttcttt	gggaatacgt	tcagtccgaa	180
gaagacacct	cctcggaagt	cggcattctct	ctccaacctg	cattcttttg	atcgatcaac	240
ccgggaggtg	gagctgggct	tggaatacgg	atccccgact	atgaacctgg	cagggcaaag	300
cctgaagttt	gaaaatggcc	agtggatagc	agagacaggg	gttagtggcg	gtgtggaccg	360
gagggaggtt	cagcgccttc	gcagggcgaa	ccagcagttg	gaggaagaga	acaatctctt	420
gcggctgaaa	gtggacatct	tattagacat	gctttcagag	tccactgctg	aatcccactt	480
aatggagaag	gaactggatg	aactgaggat	cagccggaag	agaaaatgaa	gaccccagag	540
acattttattg	gggagtagga	tgtggctgag	tgcttttttt	ttggccagac	tagcggattc	600
agtcctggaa	gagagtatca	tataatgaga	cccacaggca	ctggcaccct	tgggttgcca	660
atagaaggtg	acatggaatg	gagaaaacca	agattccaga	tggggatagt	aactagaagg	720
tgcttcagat	gcactgcctg	cgggtgccag	tctgaaaacc	agaccgcaca	gaggcctggg	780
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atagctctgt	tgggttgtgt	tgggagaagc	ggctggagtt	cattctctca	cccccttatg	900
ttggtgtttg	gcgtgtgaca	gcagttctac	agagctctgt	gttgggggtca	tggatgagcg	960
gctctcttgg	ctcttaaagg	caggcctctc	tcttcttgcc	tttaaagaat	cctccttcct	1020
cacacctggc	ctcctctggc	ttcagcttct	cagcagcaag	caccagcctt	ccacaacaac	1080
actatatattt	tatgctactt	tcctgtttgc	actactactt	ttttattaaa	cgatgtttaa	1140
taatcaaaaa	aaaaa					1155

<210> 8106  
 <211> 2091  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (24)...(1629)  
 <223> similar to gi4589580 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8106

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ccccagtcce	aagcctcacc	tgccctgccca	gcgccaggat	ggccaccatc	acctgcaccc	180
gcttcacgga	agagtaccag	ctcttcgagg	aattgggcaa	gggagccttc	tcggtgggtgc	240
gaaggtgtgt	gaaggtgctg	gctggccagg	agtatgctgc	caagatcatc	aacacaaaga	300
agctgtcagc	cagagaccat	cagaagctgg	agcgtgaagc	ccgcattctgc	cgctgtctga	360
agcaccacca	catcgtccga	ctacatgaca	gcattctcaga	ggagggacac	cactacctga	420



tcttcgacct	ggtcactggt	ggggaactgt	ttgaagatat	cgtggcccgg	gagtattaca	480
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agatgggggt	ggtgcaccgg	gacctgaagc	ctgagaatct	gttgctggcc	tccaagctca	600
agggtgcccgc	agtgaagctg	gcagactttg	gcctggccat	agaggtggag	ggggagcagc	660
aggcatgggt	tgggtttgca	gggactcctg	gatatctctc	cccagaagtg	ctgcggaagg	720
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gcgcctatga	tttcccatcg	ccggaatggg	acactgtcac	cccgaagcc	aaggatctga	900
tcaataagat	gctgaccatt	aacccatcca	aacgcatcac	agctgccgaa	gcccttaagc	960
accctgggat	ctgcgaccgc	tccaccgtgg	catcctgcat	gcacagacag	gagaccgtgg	1020
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agaaaagaaa	gtccagttcc	agcgttcaga	taatggaatc	ctcagagagc	accaacacca	1200
ccatcgagga	tgaagacacc	aaagtgcgga	aacaggaaat	tataaaagtg	acagagcagc	1260
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tctattttga	aaacctgtgg	tcccgggaaca	gcaagcccgt	gcacaccacc	atcctgaatc	1440
cccacatcca	cctgatgggc	gacgagtcag	cctgcctcgc	ctacatccgc	atcacgcagt	1500
acctggacgc	tggcggcatc	ccacgcaccg	cccagtcgga	ggagaccctg	gtctggcacc	1560
gccgggacgc	caaattggcag	atcgctccact	tccacagatc	tggggcgccc	tccgtcctgc	1620
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cccaccaccg	tacttctgt	acctgcatca	agaaaacctg	cttggttcaca	aaagtcatcg	1800
caacttcaga	gcgaacggcc	acatctcccc	acctctcacc	cccaccctct	cccctgccag	1860
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gctgtccgcc	tgatctgtct	tgggctgtag	gctagaatgc	ccgggctggt	gcccaccagg	1980
ggctggggag	aaggagggtg	gggatgatga	ggaaggcagc	atccgtccgt	ccctctccca	2040
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<210> 8107

<211> 4502

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (350)...(1324)

<223> similar to gi4092671 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8107

catcccgccg	ttgttaaacc	acggggccgtg	aattgaattt	tggggggcccc	ataaaaaaaaa	60
tattcctctg	ccagcccgcg	gcgtataact	tggatccttt	aaaacggccg	cccctttttt	120
tttttttttt	ggaaaataaa	atgtttgttt	gtttgtttgt	tttttcctcc	agctgaattg	180
actggttggt	tgtcggtatg	gacaaaataa	aatgattatt	tcattgtgag	aatacttctt	240
ggacagcttc	tcccattttac	aagccaactc	ttttcagacg	agcttgtaca	cgtacacact	300
ccatccttgg	atatattttct	gtgacaccag	agcagtttcc	atgaaggccc	tgatgcagct	360
gatgaacgac	aagaagctca	tgagcagcct	gcccacttcc	tgcgggatct	tcaaccacct	420
cgagcggctg	ctggacgaag	aaattagcag	agtacggaaa	gacatgtaca	atgacacatt	480
aaatggcagt	acagagaaaa	ggagtgcaga	attgcctgat	gctgtgggac	ctattgttca	540

gttacaagag	aaactttatg	tgcctgtaaa	agaataccca	gatttttaatt	ttgtttgggag	600
aatccttgga	cctagaggac	ttacagccaa	acaacttgaa	gcagaaaccg	gatgtaaaat	660
catggtccga	ggcaaaggct	caatgaggga	taaaaaaaag	gaggagcaaa	atagaggcaa	720
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tgcagcagaa	ggagaagaca	gcctgaagaa	gatgcagctg	atggagcttg	cgattctgaa	900
tggcacctac	agagatgcca	acattaaatc	actagccctt	gcctttttctc	ttgcagcaac	960
agcccaggct	gctccaagga	tcattactgg	gcctgcgccg	gttctcccac	cagctgccct	1020
gcgtactcct	acgccagctg	gccctaccat	aatgcctttg	atcagacaaa	tacagaccgc	1080
tgtcatgcca	aacggaactc	ctcacccaac	tgctgcaata	gttcctccag	ggcccgaagc	1140
tggtttaatc	tatacaccct	atgagtaccc	ctacacattg	gcaccagcta	catcaatcct	1200
tgagtatcct	attgaaccta	gtgggtgtatt	aggtgcggtg	gctactaaag	ttcgaaggca	1260
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aactcagctt	tttttttttt	ttttttcctg	ttggggggaa	gggggttcta	gaaactgcac	1560
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cagggatatc	attggtgaag	tgattttcaa	aagtattcaa	aatttgatat	gctgtttagt	1860
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aaatacaaaa	actgcaacac	tattttttaa	aagataaata	tctgagttaa	aattactgaa	2040
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tgggcaaact	gttcaagtat	ttttttttaa	acctccctgt	atagaaaaaa	atcataaagg	2160
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agtgcattga	aacaaatgaa	caaaaagtag	atactttttac	tatacaaggg	tgctggtgca	2280
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ttattccaat	cttcaatggt	aacccaaagg	attctgagat	aaaaattatg	tgtcatctaa	2820
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ttgattttgt	tttttggttt	taatttaattg	aatataatag	gatacctagc	aaatgttttc	2940
acaaaagtga	atctttgtga	ttttcattct	agaaaacaat	gttttaaatc	acccaaattt	3000
aatcacatgt	ctttatatca	taccagataa	ctggtgtagt	gtatcctttt	actgtttcaa	3060
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ttagtattgt	agttgaagca	atttgtgtgc	aaagcctaca	tctaaacact	tgagtgaata	3240
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ccgccagct	tatcaactcg	tcccctcttc	cacaccttc	cagcatcaca	gtcagaggtc	3360
agcaggaagc	tgagtcatta	ccttcttggt	gacctcccc	accatcttgt	ctcacttga	3420
aaccgttgtc	agtttatatta	ctatgcaata	gacattcatt	gttttgtatc	cagctagctt	3480
tggtttaata	tgccactgct	ttgtctttct	gttacacata	cagttttgat	ttatttacia	3540
tatatgctgt	gccattttga	tttttatatt	gtttggttg	ttgaataaat	ttgcgacact	3600
caaacacttg	aggtgatagt	tgttaaaaac	aataccagta	tttgatccag	tttcatctca	3660
actatgttat	acttggaact	tttagatggt	tatcaaaggt	cttttatggg	gaagaaagta	3720
aatgtatgaa	ataaataatg	tgtgacattt	atagggaaatg	ttggctctga	acaaactttt	3780
gaaaacttgg	ttgacaaaat	tttggatcaa	ctgaaaaaag	catgactttt	gaaatctctg	3840
aatgccttgg	ttctcagtat	tatcattctt	tattgaattt	atttcttatt	aaaatatgta	3900
gtttttaaga	ctttttttct	gacagtatta	tqtaattttt	taqcqtgggt	aqatqggagt	3960

gtcgccttgta	tggtatcgta	cagctgacat	gtatttttgt	ctattcttta	ttatcttagt	4020
ttcatgctat	gtatgtacca	taaccaacct	attgcctatg	agaaacatgt	aagataatgt	4080
atttacagcc	attgttacaa	gtttataatg	tatttttcta	tcttgtttta	tatgtatgtt	4140
atataacatt	caaaaagaat	tttttcttg	attgagaaaa	ggatacaaaa	tgcaaaatcc	4200
acaattttga	taactgaaaa	ttgccaatg	ttttgcagta	ctttattata	ttgggtgtct	4260
tgtctttttt	gggcttttag	ttagctaattg	aatgaataca	ttagacactt	ttgggtttta	4320
gttgggattt	tacatagctt	gcattttaat	tctttggttc	tttgctgttt	ctattaaccc	4380
acaggcatta	ttttaataaa	tggtataata	ccaacctact	aactctggac	tttgtctgtt	4440
tattaacctt	tatatgttta	attaaaataa	ccaaataaag	ccaaaagaat	gtaaaaaaaa	4500
aa						4502

```

<210> 8108
<211> 1224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (991)...(352)
<223> similar to gi436001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8108	
tccctccccg	ccccctttta
aaagacattc	gttgaccccc
tttttttttt	tttgatataa
agataaaaaga	ggtattttgtg
caggggaacag	tctgatatct
gacaagggggc	acaaaaaagc
gcaacagggcc	ctcttctccc
gatggcattg	gtccggatgc
caggacagtc	tcaaaggcta
gagcagtcca	ttgttttcag
gctgagggtca	cttttgttac
gagctccttc	agccatcgct
caggaggggcc	cccactgcac
gccagctgtg	tcccagatct
ggagaactca	accccgatgg
ggagagtaga	ttggtcttcc
gttataatct	tcctcagttc
tcggggacag	aggcgacaaa
aagatctggg	cctgcccctc
tgggggcca	ctcaagggtt
gctgtaagga	agcagaggtc
gaccc	

<210> 8109

<211> 1334  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (164)...(739)  
 <223> similar to gi292427 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8109  
 aatgagactg tatggactgc ttacgccaaag cttggcacga gggcccgag ccgctgccgc 60  
 cgccccagc tccccgcct cggggagggc accagggtcac tgcagccaga ggggtccaga 120  
 agagagagga ggcactgcct ccactacagc aactgcaccc acgatgcaga gcatcaagtg 180  
 cgtggtggtg ggtgatgggg ctgtgggcaa gacgtgcctg ctcatctgct acacaactaa 240  
 cgctttcccc aaagagtaca tccccaccgt gttcgacaat tacagcgcgc agagcgcagt 300  
 tgacggggcg acagtgaacc tgaacctgtg ggacactgcg ggccaggagg agtatgaccg 360  
 cctccgtaca ctctcctacc ctacagaccaa cgttttcgtc atctgtttct ccattgccag 420  
 tccgccgtcc tatgagaacg tgcggcacia gtggcatcca gaggtgtgcc accactgccc 480  
 tgatgtgccc atcctgctgg tgggcaccaa gaaggacctg agagcccagc ctgacaccct 540  
 acggcgcctc aaggagcagg gccaggcgcc catcacaccg cagcagggcc aggactggc 600  
 caagcagatc cacgctgtgc gctacctga atgctcagcc ctgcaacagg atggtgtcaa 660  
 ggaagtgttc gccgaggctg tccgggctgt gctcaacccc acgccgatca agcgtgggcg 720  
 gtcctgcac ctcttgtagc cctggcactt ggcttgagg ctgcccctgc cctcccccca 780  
 ccagttgtgc cttggtgcct tgtccgcctc agctgtgcct taaggactaa ttctggcacc 840  
 cctttccagg gggttccctg aatgcctttt tctctgagtg cctttttctc cttaggagg 900  
 cctgcagaga aaggggcttt gggctctgcc cccctctgct tgggaacact ggggtattctc 960  
 atgagctcat ccaagccaag gttggacccc tccccaaagag gccaaaccag tgccccctcc 1020  
 cattttccgc tactgaccag ttcatccagc tttccacaca gttgttgctg cctattgtgg 1080  
 tgccgcctca ggttaggggc tctcagccat ctctaacctc tgccctcgtg gctcttgga 1140  
 ttgcgcccc aagatgctct ctcccttctc caatgaggga gccacagaat cctgagaagg 1200  
 tgaatgtgcc ctaacctgct cctctgtgcc taggccttac gcatttgctg actgactcag 1260  
 ccccatgct tctggggacc tttcctaccc ccatcagcat caataaaacc tcctgtctcc 1320  
 agtgaaaaaa aaaa 1334

<210> 8110  
 <211> 2821  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2337)...(287)  
 <223> similar to gi458888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8110

ggggaggggga	gggggagaga	aggggaaggg	aagaaggtgg	ggaggcagtg	ggtccctcgg	60
gacgactccc	cattcccttc	ccttggattc	ttctccttac	tcaattttcc	ctagacctaa	120
aaacagtttg	gcagaagaca	tgtttaataa	cattttcata	tttaaaaaat	acagcaacaa	180
ttctctatct	gtccaccatc	ttgccttgcc	cttcctgggg	ctgaggcaga	caaaggaaag	240
gtaatgaggt	tagggccccc	aggcgggcta	agtgtctattg	gcctgtctcct	gctcaaagag	300
agccatagcc	agctgggcac	ggccccctag	cccctccagg	ttgctgaggc	ggcagcggtg	360
gtagagttct	tactgagcc	gtgggctgca	gtctcgagg	gagaacttct	gcaccagccc	420
tggctctacg	gcccgaaga	ggtggagccc	tgagaaccgg	aggaaaacat	ccatcacctc	480
cagccctcc	agggcttcct	cctcttcctg	gcctgccagt	tcacctgcca	gccgggctcg	540
ggccgcccag	tagtcagcgt	tgtagaagca	gccctccgca	gaagcctgcc	ggtcaaactct	600
ccccctata	ggagcccccc	gggaggggtc	agcaccagga	ggggaggggg	ggtcagggcc	660
agcccccg	ggccctgggg	gtgatctctg	tggtgacagg	gcaggattga	actcctggaa	720
atggactgga	aagaaggcct	gccagccaga	gatggcattc	atgcgacagc	ggttgaggac	780
ttcgggccca	ggccttgctc	acacgggtgt	aaggaagaag	agagtgtcca	caggggtgctt	840
cttcgagacc	acgtccatga	gtcgcacctg	ggaagggggc	tctgctcgca	cagcgagcca	900
ggccagcctc	gtcccagggt	accgtcgctc	taactccgct	gctgcagcct	tcaccccaag	960
aaatgggtct	ggagctccac	ggccaccttc	tcgtggcccg	tagaccagca	acagggtgag	1020
caatgcatgt	tctcgtggct	ccaggacatt	ggctgcaaac	gcctcgagga	aagccggggc	1080
tgcagcagct	tcagccacca	ggagtggcag	caccagctgc	actcgggtgg	cctcagtgc	1140
atagggcata	ggtaggattt	ccacccggct	cagtggccgc	agcaggctga	ccctgcgagc	1200
cagggcccg	cgggtgcccac	gctgtgtcac	acattccaac	agcaggcca	gggtgtactc	1260
catgccccgt	gctgggtcga	agcgccgata	gccgttgagc	agtcgctgct	tctggaagcg	1320
caggcggggc	tgatagcgcc	gattgagctg	ctccagggca	gtctccaacg	catcacccac	1380
gtccgcccct	ctagccccct	gtagtgggca	cttgggagcc	ccatctgcac	aggagaaggt	1440
gtgctgctct	gtgaagtagt	cccagcccag	cacctcaaag	cgagagtgtg	gtgtgaaagg	1500
agcagggagc	ccaacggggc	agctcagccc	tgccctccct	tcgggggtca	gcacggtcag	1560
gttccggatc	tgagctgca	gttgttctat	ttactgttaa	gcccgtcca	actccagagc	1620
gctgaagcgt	ttgtggagcc	ggtacatgag	ggtaccttcg	gagacagggt	gcacggcgaa	1680
ggcactcagg	aaagccgagc	tcccttcctt	ctcagggtcc	ctatttttgg	ccagttcaaa	1740
tgagcgatac	tgtctccccct	ggtgctgtga	gacacagccg	acgcccagag	agtcaatgag	1800
gcagcgtcca	agccactcgt	caggacgggc	actgagaatg	tctcctcggc	agccatccag	1860
atgtggccgc	agacgaagca	ggagactccg	tgacaacagg	tagccaaagc	ccccatgaca	1920
gtaccggggc	tgctcgccctg	cgccaatgaa	ctcctctgcc	cggcctaagt	acaggctctt	1980
gttgatgctg	aggtggccag	caagggtctg	caggcggggg	gcctgcacat	atgtgtcatc	2040
ctgcatgatg	aagaaccagt	cgtagtcggc	cccaaagtgt	gtgtgaaggt	ggcgagggt	2100
ctctgacatg	agccaggcgg	gccgctcatc	cccatgagac	accacctgca	tccctgctgg	2160
agcccgggcc	ccccgctgcc	cagtgaagta	gagtaaccga	gggaagtgat	gggccaccgt	2220
acggttcaca	gccacggcca	aagtggacag	tgtagctcgg	gagggtcagga	cagccaccag	2280
caaccgctca	cgggagccca	gctctgtctg	gatgtaccga	gtcctgagca	ccttcttgta	2340
gggcttggtg	gggtccctgt	agtaggggac	aatccggggg	ttgaagtctt	catcactttg	2400
gtctagccga	gctctcgaat	ctggattctg	tggccctcct	cgctccccta	cagcctcgac	2460
acagggatct	tctccctccc	cctggatcca	ggaaaccgcg	aggaggctca	ggctgcaccc	2520
cagagcagc	ccctaagatga	ggggaagcgc	tggccgagc	agagccaaca	gggagctcag	2580
tcgcatgggtg	gtaggccctg	ccagggtgggt	gccccagggg	caagcctca	aggatcaatg	2640
gattgatggg	caccaggcca	gtagtaggct	ttcagtttta	accagagaac	ctgggggtcaa	2700
tgaggccaaa	gacagagcaa	ggcccgtctg	cttccaggac	cagcatcccc	aagaagattg	2760
tctgtctctc	acaactcctt	ctgcctgctc	ttcaactgtg	aagggtgtcg	aactaacc	2820
c						2821

<210> 8111  
 <211> 1613  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1307)...(1005)  
 <223> similar to gi4886473 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8111

tttttttttt	ttccatcaac	aggtttcaag	cagtctttac	ttgggtttta	aaacagtgt	60
tcatgcattt	acaataagtt	attacagaac	tctaagtcac	tgatgcacac	acaaaagcta	120
aacccaactt	actaactatg	cagacctctc	ctgatctccc	caggctgggc	agtaattagt	180
accttacagg	tgtgatccat	ggcccagaga	aggcagccac	tgtcagttac	agttggactg	240
ctgcatcaca	gtggaggcag	cagagttgaa	gatccacaga	gggctgtaat	acagcccaga	300
aaagacaatg	gagagtgaag	gctagaaaca	ttgaggaagg	ggtcaagaag	cacttgtagt	360
tcctgttatc	ttttccaata	gaatattcct	gcaagttacc	catcagaaaa	aggtgttcag	420
agggtttgaa	aaagaagtgg	ttagcccatg	ccagtgaagg	tgacaaaaaa	caaaacaact	480
tgatttttgg	tcatatcaga	aaggatggag	ggaaacaccc	aagtacatgc	atggacacaa	540
gtgctccagc	caaaggagtg	ctgttttcac	cagccacaaa	ttttctaaca	gcaacaacaa	600
aaaccacag	atgtaagtaa	catggaagt	gatcagtcct	aagccaaata	aggattccca	660
cctggggcaa	aagctgactt	cctaggacat	gaactgaaca	catcacagta	aaagcccagt	720
agaggctgct	gccagttcca	gctattagta	attatgaggg	ggacaggatg	acacctcaca	780
cggaccaccc	ctagcaagag	ggtttgtttc	agttctagct	gtgagaggaa	tgtctgcagt	840
tcccacaggt	gtgccatgct	gtgaagccca	tggcccctgc	tcctctctct	gcctcccaca	900
cacttaacag	tacacacaga	ctttgctggc	aagtgtgtgt	tgttcctgca	ctgctatact	960
atacgactgc	aggacaatgc	catccgctcc	atggttcatt	cagcgccttg	tcccaaggta	1020
gttggtggag	agcaggacca	cggtgtgcag	caagagagac	agctcagctt	ctttcaggct	1080
gcaggaaatc	tgcagccatt	ctcccagcca	agttcgacac	ctatcttcac	caatatgcgt	1140
agaattcagg	ccacggagat	aacaagccga	ttttacttcc	tgagcagtca	gctggccaat	1200
ccccagcttt	gccaaagcct	tgtccagttg	gtgaatcaca	gttgatgag	tcttcaaacg	1260
atgtctcaac	aagggaggag	gcaggtaaga	tgtgagaagc	atggcccggc	tcaaggcttt	1320
ctttcatgaa	gattgtgtac	aggacataga	agcgggggaa	atgacgaccc	aagaaacgat	1380
ggatatttccc	attaatcgct	tttgtcttgg	ttaccacata	agacatcaag	ttcttcacat	1440
ctgccttttg	agaaaggtga	agctttgaag	accgaggggc	ccccaagcc	aggccagagc	1500
gaccaagttg	cagcctccgg	gtgacaaaat	gtccaggggt	gactgccgag	ccccacacag	1560
ccgaccgagc	ccagcacacc	ctggagagcg	ccatcttcac	agcgagagaa	gcg	1613

<210> 8112  
 <211> 954  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (61)...(793)  
 <223> similar to gi3805810 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8112
tttcgttggg cccgtccctg aggtatgaaa gccccctgct ctggctcttg ttcagtctca    60
atggggggcac tggggctgga gggcaggggt gggaggctcc aggggagggg ttccctcctg    120
ctagctgtgg caggagccac ttctctggtg accttggtgc tggcggtgcc tatcactgtc    180
ctggctgtgc tggccttagt gccccaggat cagggaaggac tggtaacgga gacggccgac    240
cccggggcac agggccagca aggactgggg tttcagaagc tgccagagga ggagccagaa    300
acagatctca gccccgggct cccagctgcc cacctcatag gcgctccgct gaagggggcag    360
gggctaggct gggagacgac gaaggaacag gcgtttctga cgagcgggac gcagttctcg    420
gacgccgagg ggctggcgct cccgcaggac ggctctatt acctctactg tctcgtcggc    480
taccggggcc gggcgcccc tggcggcggg gacccccagg gccgctcggt cacgctgcgc    540
agctctctgt accgggcggg gggcgccctac gggccgggca ctcccagagct gctgctcgag    600
ggcgccgaga cggtgactcc agtgctggac ccggccagga gacaagggta cgggcctctc    660
tggtaacaga gcgtgggggt cggcgccctg gtgcagctcc ggaggggaga gaggtgtac    720
gtcaacatca gtcaccccga tatggtggac ttgcgagagag ggaagacctt ctttggggcc    780
gtgatggtgg ggtgagggaa tatgagtgcg tgggtgcgagt gcgtgaatat tggggggccc    840
gacggccagg accccatggc agtgggaaaa atgtaggaga ctgttttgaa attgattttg    900
aacctgatga aaataaagaa tggaaaagctt cagtgtctgcc gaccaaaaaa aaaa        954

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```

<210> 8113
<211> 2044
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (228)...(1477)
<223> similar to gi4678412 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8113
ccgccagggtg gaacggcagg tgggttcagg taccagcctg gccgggaccc ggctgtggga    60
ccaacgcttc cggtgagcga cagaggcagc tccccagggc ctggagaccc gtggggcgga    120
ctctgggatc tgagcctatc gccctggcct ggagcccccc tttgtacctt ttccccattc    180
ccctaccgag ctgggcagtt agccagccca ctccaactct cggaaccatg tttgcagact    240
tggattatga catcgaagag gataaactcg gaatcccagc tgtgcctggg aaggtgaccc    300
tgcagaagga tgctcagaac ctgatcgga tcagcattgg aggaggggccc cagtactgtc    360
cctgcctcta tatcgctccag gtatttgaca acaccccagc agccttggac ggcacagtgg    420
cagctggcga tgagatcacc ggtgtcaatg gcaggtcaat caaagggaaa actaaggtgg    480
aggtggcgaa gatgattcag gaggtgaagg gggagggtgac catccactac aacaagctgc    540
aggcggaccc caagcagggc atgtccctgg acattgtgtt gaagaaagtc aagcaccggc    600
tgggtggagaa catgagttca gggaccgcag atgctctggg cctgagccgg gccatcctgt    660
gcaatgatgg gcttgtcaag aggctagagg agctggagcg gaccgctgag ctatacaaag    720
ggatgacgga acacaccaag aacctcctac gggcctttta tgagctgtcg cagactcacc    780
gggccttttg ggacgtgttc tccgtgatcg ggggtgcgga gccccagcca gctgcgagcg    840
aggcttttgt gaagttcgcc gatgcccacc gcagcatcga gaagttcggc attcggtctc    900
tgaaaacat caagccgatg ctgacggatc tgaacacgta cctcaacaaa gccatcccgg    960
acactgcct caccatcaag aagtacctgg acgtgaagtt tgagtacctg tcgtactgcc    1020
tgaaggtgaa ggagatggat gacgaggaat acagctgcat tgccctaggc gagccccctt    1080
accgggtgag caccggcaac tatgagtacc gcctgatcct gcgctgccgc caggaggcgc    1140
gcgcccgcct ctcccagatg cgcaaggatg tgctggagaa gatggagctg ctggaccaga    1200

```

agcacgtcca	ggacatcgtg	ttccagctgc	agcgccctcgt	gtccaccatg	tccaagtact	1260
acaacgactg	ctacgcagtg	ctgcgggatg	ccgacgtctt	ccccatcgag	gtagacctgg	1320
cgcacaccac	attggcctat	ggcctcaacc	aggaggagtt	cacagatggg	gaggaggagg	1380
aggaggagga	agacacggca	gctggggagc	cgtccagggg	tacacgaggg	gctgctgggc	1440
ccttggaaca	gggtggaagc	tgggtgtgact	cctgagtgcc	ccgcggctgt	ggtgccgggg	1500
gcaggggtgcg	tgggaggacg	gagcctggga	gcggggcggg	gccgcgcgcg	aagggggcga	1560
cgcataaagg	cctgctggct	tggggcgcct	gcctccctgc	tcctctgtcc	tcgcacagcg	1620
aacctgggct	cctgccacag	acaggcacca	gggtcatggc	ctgggacctg	gacactggcc	1680
cctccaccct	ccctcccctc	ccggtccccc	ggccagaggg	agagcttggg	ctctggacct	1740
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cgagccctcg	tccttgttgg	cgctcacact	gcccccgagg	cctgctggga	gtggggccag	1860
ccgtggcacg	ctgaggttgg	ggccaatgcc	tcctgggcac	ccctgectcg	ccccagaccg	1920
gcccgtccag	tccccatcac	acctcggcgg	cctttattta	ttctgttccc	ccagctcggc	1980
cacttctctg	aaggaggggct	gggttcttggg	cctgtatcga	ataaacacaa	acctggatgg	2040
cgca						2044

```
<210> 8114
<211> 1606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (472)...(1073)
<223> similar to gi4877582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8114						
tctctctgcgt	gcgatccccg	gcgcccgcgc	gcgcccacag	cgctccgccca	gagctgccgc		60
cgcggaactcg	ccgggagtg	gggtctccgc	tggtgccagc	ccgcttctgg	agaccctccg		120
cctcctgccca	accctgtctc	ttccaggctcg	ggccccgggg	ttctgctggct	gttagggaca		180
gaggcaaaga	agggcaggac	ggtccggttt	cccgctggatg	ttcccgcctcg	agaaagacag		240
caagtttgtgt	gtgcgcccgg	gacgcgggag	ggaaggtagc	cgccgcccgc	cagccatgga		300
ccatcatctt	tagtgcaag	gatggaaagt	tgatgccag	taagactgaa	gatccattct		360
gcattacgga	actgtggatt	atctgtgggt	ccctggtgat	ttcacacctt	cattcactcc		420
tgcactccct	gaacacttac	ttggggctct	cattgcccta	tctggtgaaa	gatggcatcc		480
agcctgactt	gtactggagt	aatctgggct	ttgctgtctt	ttctttgtgc	tgccacctcc		540
tgctgtgggt	tctttatgcc	ttactggctc	tggggatcac	agctgggcaa	gcctgtgtcc		600
ttcggtacct	tccggaggtg	ctcatatcct	gtgcatgatg	agagtgcgca	gatgatggtg		660
atggtggagg	aatgtgggcg	ctatgcctcc	ttccagggca	tcccagcgc	agaatggagg		720
atctgcacca	tagtgaccgg	cctgggttgt	ggcctcctcc	tcctggtggc	gctcactgcc		780
ctcatgggtt	gctgtgtttc	cgacctcatc	tcagggacag	tgggaagagt	ggctggagga		840
attcagtttc	ttgggggctt	gttgattggt	gctggctgtg	ccctctaccc	cttgggctgg		900
gacagtgagg	aagtccggca	gacttgtggc	tacacttctg	gccagtttga	cctggggaag		960
tgtgaaatcg	gctgggccta	ctactgcacg	ggagcaggtg	ccactgccgc	catgctgctg		1020
tgcactgtgg	tggcttgctt	ttcgggcaag	aaacagaagc	actaccata	ctgagatgga		1080
gctaccaaga	gcagacagag	gagaagatgt	gccaaagggg	cttggagag	tcaaaacatc		1140
cacctacctt	caaaaggtgg	gatagttagt	gtgatccaat	acaatgctaa	taaaatgaaa		1200
cccgataaaa	tcagggccat	gatataggaa	ggaaggtttg	taggagattt	gtgggggaaa		1260
aaaaaaaagga	gagtatagaa	tgatggagaa	aaatggacca	aaggcataaa	atattgcagg		1320



gcatcgggtg	tttctattcc	acagagtatt	gttaatgtac	aacacacaca	cacacacaca	1380
cacacacaca	cacacacaca	cacaacaaat	ctacatatat	aaacaagggt	ttgggtttta	1440
gttttttttt	tttaaggtga	ggactcagaa	aatccaaagg	gctagtagaa	acagtgttta	1500
tgttgggaag	cagggttacc	cccaatagat	ggtttccctg	ttaggtccac	gggcactccc	1560
caaaagcaca	caagcacata	cagacatatg	ccttccccac	acacgt		1606

```

<210> 8115
<211> 960
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (869)...(365)
<223> similar to gi2246401 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8115						
tttttttttt	ttaaaattct	aataaaaataa	atatttttatt	aacgaaagtc	tggaaaatgt	60
gtgcactaaa	aagtgactat	aaatgttaaa	ttaaaaaacc	ttcaaagaac	acatatcaca	120
cattcaattt	ttaaaacttt	atataaaagc	tctattataa	atacaaagct	aaactatctg	180
agtactaaca	acacagttca	tacaaagaaa	cttaacagta	gtaaaataca	gatatataag	240
atgcttattt	ttggtccttt	aggataaaaag	aactaagttg	gtttttttca	catggctcca	300
ggcacaaaaa	tagaatataa	gatggtaact	gcaacattct	tagtgtttat	ccttgtaatt	360
ctttaaatgt	caccagtcac	aatagcaatg	aactcctctt	ggttttatttc	tccatcacca	420
tctttgtcaa	attcttctat	catagctcga	agttcttcat	cactcatggt	ttcacccaat	480
tctctagcaa	cacgtcgcaa	attcctcaag	cttattttac	ctgaatcatc	atcatcaaat	540
agtttaaagt	ccttgagtat	ttcttcatgg	ggatctcttt	ccaatatcca	gtctgtcaca	600
acttcattaa	aatcttcaaa	ggtgattttc	cctgtggcct	ctctgtcata	atctttaaga	660
atcttcagta	catcagcttt	ttttacatca	aaccccaagg	ctctcattgc	cacctttaat	720
tcatgataat	ctattgcttc	atctttgtct	gtatcaaata	gttcaaaagc	atctttaatt	780
tcttgtttct	gttcctcaga	cagttctctt	ctttttttcc	tctttgtttt	gtccactaca	840
agctcacttc	tcagagctaa	actcattatc	tcttcgcaca	gagacgttcc	tctcaagaac	900
gattttaacc	ccctacccaa	ggcagcaaga	cgccacacgc	cgttcaaccg	gacgcgtggg	960

```

<210> 8116
<211> 2410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (180)...(2038)
<223> similar to gil684833 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	8116					
tttcgtgctc	agcagacacc	aggccttccg	ggcaggcctg	gcccaccgtg	ggcctcagag	60
ctgctgctgg	ggcattcaga	accggctctc	cattggcatt	gggaccagag	accccgcaag	120
tggcctgttt	gcctggacat	ccacctgtac	gtccccaggt	ttcgggaggc	ccaggggcga	180
tgccagaccc	cgcggcgcac	ctgcccttct	tctacggcag	catctcgcgt	gccgaggccg	240
aggagcacct	gaagctggcg	ggcatggcgg	acgggctctt	cctgctgcgc	cagtgcctgc	300
gctcgctggg	cggctatgtg	ctgtcgctcg	tgcacgatgt	gcgcttccac	cactttccca	360
tcgagcgcca	gctcaacggc	acctacgcca	ttgccggcgg	caaagcgcac	tgtggaccgg	420
cagagctctg	cgagtcttac	tcgcgcgacc	ccgacgggct	gccctgcaac	ctgcgcaagc	480
cgtgcaaccg	gccgtcgggc	ctcgagccgc	agccgggggt	cttcgactgc	ctgcgagacg	540
ccatggtgcg	tgactacgtg	cgccagacgt	ggaagctgga	gggcgaggcc	ctggagcagg	600
ccatcatcag	ccaggccccc	caggtggaga	agctcattgc	tacgacggcc	cacgacgga	660
tgccctggtg	ccacagcagc	ctgacggcgt	aggaggccga	gcgcaaacct	tactctgggg	720
cgcagaccga	cggcaagttc	ctgctgagtg	cgcggaagga	gcagggcaca	tacgacctgt	780
ccctcatcta	tgggaagacg	gtgtaccact	acctcatcag	ccaagacaag	gcgggcaagt	840
actgcattcc	cgagggcacc	aagtttgaca	cgctctggca	gctggtggag	tatctgaagc	900
tgaaggcgga	cgggctcatc	tactgcctga	aggaggcctg	ccccaacagc	agtgccagca	960
acgcctcagg	ggctgctgct	cccacactcc	cagcccaccc	atccacgttg	actcatcctc	1020
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cccagacaa	accgcggccg	atgcccatgg	acacgagcgt	gtatgagagc	ccctacagcg	1140
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agaagcagat	cgacgtggcc	atcaaggtgc	tgaagcaggg	cacggagaag	gcagacacgg	1320
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tcattggcgt	ctgccaggcc	gaggccctca	tgctggtcat	ggagatggct	gggggcgggc	1440
cgctgcacaa	gttcctggtc	ggcaagaggg	aggagatccc	tgtgagcaat	gtggccgagc	1500
tgtctgacca	ggtgtccatg	gggatgaagt	acctggagga	gaagaacctt	gtgcaccgtg	1560
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agaagatgaa	agggccggag	gtcatggcct	tcatcgagca	gggcaagcgg	atggagtgcc	1860
caccagagtg	tccacccgaa	ctgtacgcac	tcatgagtga	ctgctggatc	tacaagtggg	1920
aggatcgccc	cgacttcctg	accgtggagc	agcgcatgcg	agcctgttac	tacagcctgg	1980
ccagcaaggt	ggaaggggccc	ccaggcagca	cacagaaggc	tgaggctgcc	tgtgcctgag	2040
ctcccgtcgc	ccagggggagc	cctccacgcc	ggctcttccc	caccctcagc	cccaccccag	2100
gtcctgcagt	ctggctgagc	cttgcttggg	tgtctccaca	cacagctggg	ctgtggtagg	2160
gggtgtctca	ggccaacacc	gccttgcaat	gcctgcctgg	ccccctgtcc	tctctggtctg	2220
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gaggccctg	agctgagggc	attgcttaca	cggatgcctt	cccctgggcc	ctgacattgg	2340
agctctgggca	tcctcaggtg	gtcaggcgta	gatcaccaga	ataaaccag	cttccctctt	2400
gaaaaaaaaa						241

```
<210> 8117
<211> 1828
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc feature
```

<222> (1)...(1829)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (1549)...(738)  
<223> similar to gi3874821 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8117

ggcaccaatc	caatgtcagt	atctgcaggc	tgaagtacag	acagttacac	tgaaattgcg	60
tatgctctga	ggaatgacac	taaattcgct	tccaggaaaa	ttactcaatt	ttgtaagtaa	120
ttttcagttt	tttttctcag	ggatatTTTT	caactttcac	tttaattttc	tttagttgct	180
tagttgtaca	ttttgagaag	gcaaattccat	tggaaacttg	ggaggcttag	aacataaatc	240
agtattagaa	gtaaagggaa	cacacagcta	aaagttttac	tttaatcaca	aattcacaac	300
tagagatatc	atttgcata	cttagaacgc	taaagacctg	ttaaaatttt	ttaaccaatc	360
agcaaaaata	tgtgccccac	agatttctaa	tgttcataat	ttagaattta	tcacatataa	420
tattttattaa	tagttttattt	gcaaaaattat	tattctttaa	acacttcttt	ccaacacatt	480
tacaatgttc	atgtgtttta	aagaaaaaaa	ccaccctcat	ttaaaaatgt	actactgact	540
ttaatgtgtg	gttataccag	tgccaccaaa	ttagaaaaga	aaaagaaaca	tacagctgta	600
ttggatatgt	agttactact	acaaataatg	acaacacacg	tcctatacaa	agatcatatt	660
cacgcttttc	taccacttct	cagtcattgt	cagaaccatt	tggaggtaag	aaaaccaatg	720
catcattgaa	aatatggccc	aaatgcccct	aggcggtata	ccccatacat	catcacatgc	780
atctgatttg	gagtcagtc	attaaaagta	acagccatat	ctgaacaaca	gccttctact	840
acctggttgg	ggtgataagt	cattgcctct	ttaatagaaa	gcccacacaga	tttggtatta	900
aatacatctt	ttccatcagc	atcttctgca	ttttctgcaa	atactccagc	atatttcagg	960
caaactgcta	gctgtttatc	ttcagatatc	ttccaaatca	tcctcccttg	ttcaggacac	1020
ttttctggga	tattgagaag	gctgttaagt	cttttcattg	attctacact	taagacaatt	1080
cctccttcca	taccacata	ttcaaggctc	ccagatttta	tagtgtggcc	tagatagaaa	1140
ggctgtgatg	gacccctttt	taacaaaaaa	tactttaggt	tttcaatgat	agcaaacgta	1200
gtggggcggtg	caaggaagaa	ccagttgtat	tggctctctat	acttatcaaa	ggcgtatttg	1260
taagcttttc	tcattcattaa	ccacatgtca	tttgtgtcca	tattaattga	ctcaaacact	1320
ttaacatttt	cagaactgaa	gaactctgct	ttgtcacagt	gtttggtcca	agtctccttt	1380
actgcagccc	aaagactcac	atctttgggt	tttacaagga	taatacagta	tactcgaaag	1440
ctcttactga	gctccatgcg	ctcatcctct	gaaattttca	agatatcttc	tttggttagga	1500
gcttgtaggt	gatgatgctc	atgggtggtgc	attctatttc	catgaccaat	cctaattgtgt	1560
cctagcatag	tgatcaaagc	acagaaaatg	cttccaagca	tcacaccctt	caaaaaggag	1620
ctgctttcag	aaagcatttt	tcccgcgtct	agaacggctt	ggggacagga	aagcgcagcc	1680
gcgcacgggt	ttcctctcac	gttggcgcac	cactccgtta	cgctcctgac	caggccccac	1740
gcgtccgcgg	acgcgtgggt	cggccccgtn	nttcnnnnnc	nggngaactg	tnctgcnccc	1800
catttcccg	ggggagnnna	gaccagcg				1828

<210> 8118  
<211> 1597  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (159)...(1102)

<223> similar to gi4050050 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8118

tcctgaaact	gaagctttac	gcctgaggta	ccagttcgca	attccacgcc	acgcgtccgg	60
gcggcgcgtg	gcggcgatcc	ccacgtggtg	gctttctcac	gctagccctc	tttggtcctc	120
cttgacgtcc	cgggcctgtg	ggcccgcctt	ctgccgagat	gccgaaggtc	aagtcggggg	180
ccatcggccg	ccgccgcggg	cggcaggagc	agcgcgggga	gctgaagagc	gctggaggac	240
tcatgttcaa	cacggggatt	gggcagcaca	ttttgaaaaa	tcctctcatt	attaacagca	300
ttatcgataa	ggctgcctta	agaccaactg	atgtagtgtg	ggaagttgga	cctggaactg	360
gcaacatgac	tgtaaagttg	ttagaaaagg	caaaaaaggt	tgttgcttgt	gaacttgacc	420
caaggctagt	agctgaactt	cacaaaagag	ttcagggcac	gcctgtggcc	agcaaaactt	480
aagtactggt	gggtgatgtg	ctgaaaacag	atctgccatt	ctttgatact	tgtgtggcaa	540
atttgccctt	tcagatctct	tcaccttttg	tcttcaagct	gttgctacat	cgaccttttt	600
tcagggtgtg	tatacttatg	tttcaaagag	aatttgcctt	ccgactgggt	gcaaaacctg	660
gagataagtt	atactgcaga	ctctcaatta	atacacagct	gttggcacgt	gtggaccatc	720
taatgaaagt	gggaaagaat	aacttcagac	caccgcccac	ggtggaatcc	agtgttgtaa	780
ggatagaacc	taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	840
ggataacctt	tgtaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtgc	900
aacaactctt	ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	960
aagatttcag	catagcagat	aaaatacagc	aaatcctaac	cagcacagg	tttagtgaca	1020
aacgggccc	ttccatggac	atagatgact	tcacagatt	gctacatgga	ttcaacgcag	1080
aaggtattca	tttttcctag	gtatttggaa	aacagaaatt	ttcaagggtc	agaaaagaaa	1140
tgaattttgt	attttttgtg	tttgagaaga	taatgctttt	gctttactga	gacattat	1200
acttgactat	ttttggttca	atactactac	tgttgtcacc	atttatgatt	ctgaatttta	1260
aagttggaaa	gttctaagta	tcaaagtttt	taatataata	tgctgggtcca	atctattcat	1320
aataatcttc	aagttcagga	gccgcagaga	cgcacaactt	tacacttatc	atttctaaca	1380
gtttattgta	taaagatgtt	actcttctat	ttactgttat	atactgtaag	gccttcttta	1440
ggccttttag	tctgttcctc	cagtaataaa	aaagttaaaa	tatgcttcac	tagtcacaca	1500
ttccccat	catttcgtgt	tattcacatt	ccccgtacca	tttcttggtt	ttcacatgta	1560
cagtaaaaca	attgtttctt	aaattaaaaa	aaaaaaa			1597

<210> 8119

<211> 4689

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4568)...(1568)

<223> similar to gi1524092 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8119

ccccagtc	cacaacctt	atttctctac	caaacagcag	gtcagcaggt	gggtacaggg	60
ccgcctcctg	ctaagacctc	cccacctccc	cccaggaaaag	aagcagagaa	tctctgcagg	120
caccagactc	cctgcctccc	ccactgcgtt	tctctcactg	gccgcccaga	acctgtgaga	180

gggaggaggg	gtgaggcgta	ggggaggggg	ctacagaaca	tccagcccat	tggctctgcaa	240
ggcaggctga	ggggcttttg	atgtggggga	ctaggaaagg	gatgtgagtc	ttgattttaca	300
tataaaatca	tcagtctgca	cacgctctag	gagggggcaa	gacataggga	caatccttgg	360
tgcaggtttc	tgctacccct	cgctagtttt	tgccaaagta	gcaaaagctg	agttaagaga	420
aaaattctgt	ccatcagagg	ccatcttcct	ctcatctgat	atgacgtgtt	cctccagcag	480
ggaggggagg	agagcggtg	cccttgggga	atcagccatc	cttagtgaca	tcctttcggc	540
tcatgggtgt	cgtggggagg	gggcaaggag	tgaggccaag	agtccaggaa	gcccaccagg	600
ctcagaggcc	cccagctgtg	cagacagcgc	ggcggccgca	cactgggctg	ggtagaaggg	660
cgccacggtc	aggaacctga	ggatgtcggt	ggtctcaggt	accagggacg	cggttggtcaa	720
gttggaacct	tgcgtggcag	taccgggcgg	caagtgtgac	tctgaacatc	tcccagagctc	780
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cccgaactgt	ctcccgggaa	aggacatcct	cgctccgccc	tcctgccggc	tccttggtgc	900
cgtctctctg	acccttcacc	cgcccggggc	ctgcacatat	aaacagaagc	agcctcgagc	960
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ctgttacaca	gctggggccc	agatgggccc	tttcttgatc	cccccagggg	cttgacccca	1080
gtcccagacc	agggaacgaa	gagagaggtc	agagccgtta	aggaagggac	ccccagagtc	1140
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accacgcgga	tgcgcgcctg	gtagcagcgt	gtgatgcagg	cagccacctc	aggtcgcggc	2760
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tcgttgacaa	gggcgcagat	ggtcgccagc	tccaccagcc	cgtcgaactg	gccgcagcgc	3360
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aactcgtgca	aaaggcagga	gcccgcacgc	gcctcggcta	ccacgaacat	ccggcagaca	3480
gacatctgat	tgggtggtgag	cgtgcccgc	ttgtcgggag	agatgactga	ggtgcagccc	3540
agggctctcca	cggacggcag	gcttcgcacg	atggcggtct	tgcgtgccat	gcgcccgcgtg	3600

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ccagtgcca ggcattgtagt gatgacagcc gggaggccct cggggatggc cgccaccgcc 3660
agggccacgg cgatcttgaa gtagtagaca gcgccacgca gccaggagcc accgtgggccc 3720
gggtcggcga agtggccgat gttgatgacc cacacggcca cgcagatcac agagatggcg 3780
tgggacagct gccgtccaaa ctggtccagc ttgctgtgca gcggcgtccg ctggtgctcg 3840
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acacccaccg ctttgcccga tgtgatattg gtgccagaaa acagcatgtt cttcttgctc 3960
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cccgtcagga tggactggtc cactcgcagc gtggtggact tgatctcgat gaggcggagg 4080
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gcacggatcc tctgcacgcc cttgcggtcc gagcggatca ccttgcccat ctcaggctca 4200
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ccgtgctgg 4689

```

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<210> 8120
<211> 1352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1228)...(647)
<223> similar to gi2598565 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8120
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gggctggggc ttccctggag ctgcgctcag gcaccaagtc tgtgggtctc atggctctag 180
ctctgctgct ctgtgcagag cccaggatg accgggaaga acccagggca ctggacacat 240
ccctggaaaag cagcaacctg ctgccacagg taaagcaaac ccatgagagg aaacggtcag 300
agccagcagg catgggacag ggaggactgc tggcccctcc cactgtggcc cacaccggcg 360
ggttcaggcc agtcttgga tgtgaagatg gtggaggggc agctgctggc tggcagggtg 420
gcccgccagg gtatctgtct tccccttct caaggagagc ctccatcccg cagccaggcc 480
acaggatgca gagctccaga gcttcacccg gctgctgtag ttgccggtag ccaggagggc 540
tggtcttgga gggctgggct tggcaggctg gggagagcaa ggagggtggg aacccccagt 600
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tgtcgtaggc aaggatggcc ccattggcac tgcggtagta gctctgggtg atggtgcgga 1020
accgctcctg gccggccgtg tcccagatct gcagcttgac ccgcttgccc tggatctcca 1080

```

gcgtcttcat	ggtgaagtcg	acgccgatgg	tgcttccctg	gcgctccgag	aaggcgccgg	1140
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tgaacaggaa	atcgactgct	tcgtccgggt	ccccggggcc	tgggcccggc	cctgccatgg	1260
cctagaagaa	gccgaagggc	cggcgctctg	gacgctggga	ccggcctgag	ctcacgcaag	1320
ccgcggggccg	agctccgccc	gctccagccc	ac			1352

<210> 8121

<211> 4790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4528)...(3038)

<223> similar to gi4589652 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8121

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aaatttttatt	acacaaatat	caccatttcc	cacgtgtcag	aggaaagatg	tccttgctct	180
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ttctctggcc	caaaataacc	tcaatgtgtc	aactgagata	gcataagact	tatcccccta	300
atgcttacat	ttaattttaa	cttttttagca	caacattgga	gattgactct	aaatcagcaa	360
caaaaaaata	tatatattaca	atatttctcc	gaaaaacaaa	aaacacaacc	aaacccttta	420
aacataagtg	acttttaggag	ttttatttat	ggagcagtta	tttttttaat	caccaagtga	480
ttttatatta	tatatatata	aattttcttc	ctttcctttg	tgggtttttcg	ccccggtgct	540
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acagagacac	ttcttttctc	cacatggacc	aaccctcacc	tctaaaaacc	atttcccctc	720
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ggtttttgct	caatacccag	ggttctttac	agagaagttc	ccctaactga	ggcactctgg	1140
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cagcagattg	gaagaaacaa	acaaaatgcc	acccctacc	aggatccagt	ttcttctaag	1320
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ggaggcagcc	aggatgaaca	atctcattgc	agatacagca	ttccatgagt	ttcttctcaa	4620
agtcttgtgt	ctcttcattc	tgatccacct	ctccacagag	ggaacatgtg	actgagttag	4680
gcagtctggg	ctacaagagg	acaaagatag	aatccaagag	aactgactca	gatctttatc	4740
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<210> 8122  
 <211> 1375  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (108)...(733)  
 <223> similar to gi469945 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8122  
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 ctactggag agttctgggc ctctgcctct tatcagttgg tgtttggggg caagatggta 180  
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 taatattgac atgccctcag tatcctggat ctgaaatact atggcaacac aatgataaaa 300  
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 cagaagatgc gaacttttat ctctacctga gggcaagagt gtgtgagAAC tgcattggaga 480  
 tggatgtgat gtcgggtggcc acaattgtca tagtggacat ctgcatcact gggggccttg 540  
 tgctgctggt ttactactgg agcaagaata gaaaggccaa ggccaagcct gtgacacgag 600  
 gagcgggtgc tggcggcagg caaaggggac aaaacaagga gaggccacca cctgttccca 660  
 acccagacta tgagcccatc cggaagggcc agcgggacct gtattctggc ctgaatcaga 720  
 gacgcatctg accctctgga gaacactgcc tcccgcctggc ccaggctctcc tctccagtc 780  
 ccctgcgact ccctgtttcc tgggctagtc ttggacccca cgagagagaa tcgttcctca 840  
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 tgctgggtacc cagtccctaaa atattgctgc ttccctctcc tttgaagcat catcagtagt 960  
 cacaccctca cagctggcct gccctcttgc caggatattt attgtgcta ttcactccct 1020  
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 catcccaaag tattccatct acttttctat cgccgtcccc ttttgagacc ctctctgggg 1140  
 atggactggg taaatgttga cagaggccct gccccgttca cagatcctgg ccctgagcca 1200  
 gccctgtgct cctccctccc ccaacactcc ctaccaaccc cctaataccc tactccctcc 1260  
 acccccccct cactgtaggc cactggatgg tcatttgcca tctccgtata tgtgctctgg 1320  
 ctccctcagc tgaggagaga aaaaaataaa actgtatttg gctgcaaaaa aaaaa 1375

<210> 8123  
 <211> 1014  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (10)...(394)  
 <223> similar to gi3395506 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8123  
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 ggtggcagca agaagaggga ctccctgggg actgcgggct cagcgcacct cattatcaag 120  
 gatcttgag aaattcattc aaggcttttg gatcacagac cagttattca aggtgaaact 180

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<211> 5707

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (160)^{-} \dots (4751)$$

<223> similar to gil79517 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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acacaccttg	gctgggtctg	gataaaaaaa	aagtgagcac	tgcaaatttc	tagaaaaaaa	180
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gtcactgaga	gaattgtcac	tgaaacagta	accacaagac	ttacatcctt	accacaaaa	360
ggcgggacca	gcaatggcta	tgctaaaaca	gcctctcttg	gtggagggag	ccggctggag	420
aaacaaagcc	tgactcatgg	cagcagcggc	tacataaact	caactggaag	cacacgaggc	480
catgcctcca	cctctagtta	caggagggct	cactcacctg	cctccactct	gcccacttcc	540
ccaggctcaa	cccttgtaaag	gaaaactcac	gttaccgcgc	atgcgtatga	agggagctcc	600
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ctcagcacat	cctcctcagt	gtttggcatg	cagaacaatc	tggccccag	cttgaccacc	1140
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gccaagaagg	agatggagct	ggtcatcatg	accaagqaca	gcgggaaqgt	ctttacagcc	1380

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ccagggtgcc	caggccctgc	cgcccagct	ggtctcccag	gacatcaaga	agttcttaat	2820
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aaaaaaa						5707

<210> 8125  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (132)...(560)  
 <223> similar to gi4929737 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8125						
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aacgcggaac	catggccgct	gtggttgctg	tttgcggtgg	tctagggagg	aagaagttga	180
cacacttggt	aacggctgct	gtcagcctta	cacatcccgg	gactcacacg	gtgctttgga	240
gaagaggttg	ttcacaacag	gtatccagca	atgaggacct	gcccathttca	atggaaaatc	300
cttataaaga	acctcttaag	aaatgtatct	tgtgtggaaa	gcatgtagat	tataagaatg	360
tacagctttt	gtcccagttt	gtttctccat	ttactggatg	catttatgga	aggcacatta	420
caggctcttg	tgggaagaaa	cagaaagaaa	tcacaaaagc	aattaagaga	gctcaaataa	480
tggggtttat	gccagttaca	tacaaggatc	ctgcatatct	caaggaccct	aaagtttgta	540
acatcagata	tcgggaataa	attctatcac	gttaccacta	ataaacttat	tttacagtaa	600
gtggttgtat	gatgccaata	ctgactcaaa	ccaacctttg	gatagaaaag	tgtttgagga	660
gtgaggtaaa	gaatgacact	tccccttcat	accaatgtcc	attaagcaga	ttgctttatt	720
ttaaaatggt	aacactcatc	acatttttat	ctatgttgaa	ttaaaagtgg	gttctgtgtg	780
attgtcattt	aaaaaaa					797

<210> 8126  
 <211> 696

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (564)...(294)  
 <223> similar to gi6010051 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8126  
 tgaatcatgt catttatattt aaactaattg taagacaatg aatataaagt tcaaaaagggt 60  
 gtaagcaggt gatggtttta ttggcaaact tataggggta gtgtatgaag tcatttcaaa 120  
 taacagatta agttgctttc cttacaacta aaagcttcaa ttactacatt tcaactttaa 180  
 tttaacatca catctacatg gggaagcttt aatttcaggt ctgggagcag ctggtaaaat 240  
 ggaaagttac cacatccatt ctagttcctt ggatatgagt atattccctt tcacctttca 300  
 ccctatatttc attgaaattt ccagtatact ttgccccatt tgggaatgtg taagtcccca 360  
 gtccatgaaa catattatcc ttaaattgtc cttcatatac tgctcctgaa aaatgctcaa 420  
 gtcttcctaaa accattcatc ttgtcatctt tccagcttcc tgtgtagaca atcccattag 480  
 gagtggatg aatacctatt ccatttctct cgtagattcc agaagatgtt cttgtacagt 540  
 caccatcata cttgtctcca tttggaaaga taaagctgat cttatacact tctgaagttg 600  
 gccgagaggt gtttagagaga tcttccaaac tctgcgactc cccctgggag gccagctctg 660  
 cggccgggag agaactaggc gctaggacag ctccag 696

<210> 8127  
 <211> 879  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (123)...(483)  
 <223> similar to gi529900 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8127  
 ggcacgagcg gcacgagccg ggctcggccg acccgggcgg gatctagggg tgggcgactt 60  
 cgcgggacccg tggcgcatgt ttcttgggag ttactgatca tcttctttga agaaacatga 120  
 agttacacta tggtgctgtg cttactctag ccactcctgat gttcctgaca tggcttccag 180  
 aatcactgag ctgtaacaaa gcaactctgtg ctagtgatgt gagcaaatgc ctcatcagg 240  
 agctctgcca gtgccggccg ggagaaggca attgctcctg ctgtaaggag tgcagtctgt 300  
 gtcttggggc cctttgggac gagtgctgtg actgtgttg tatgtgtaat cctcgaaatt 360  
 atagtgcac acctccaact tcaaagagca cagtggagga gctgcatgaa ccgatccctt 420  
 ctctcttccg ggcactcaca gaaggagata ctcaattgaa ttggaacatc gtttctttcc 480  
 ctgttgacaga agaactttca catcatgaga atctggtttc atttttagaa actgtgaacc 540  
 agccacacca ccagaatgtg tctgtcccca gcaataatgt tcacgcgcct tattccagtg 600  
 acaaaggtaa ctgccaacag ttgacttttt ccattccgcc cctcatgtg gtctgtccat 660  
 gtaatctata aaacctatat aagaccatct tttggagcag ccttttggtt ttgaatttgt 720

atcatctttg	ctttcaatat	ttaatttttt	cctttttact	tatttatatt	tgctaaaaga	780
ttacctactt	tattattact	ctacaaataa	ccagcttttg	cttttattgc	ttggcttagt	840
tggtcttttt	aatttgcttt	ttaaaattac	tgtttttat			879

<210> 8128

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (606)...(336)

<223> similar to gi4006932 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8128

tttttttttt	ttaacttttt	acttctttta	tttgttaaaa	tagtcacatc	catatacatg	60
aaaagatttg	accataatgc	attcattgat	tgtggctctt	gccatctcgt	ggcatccagg	120
atcctggctg	aaagggttta	ccagtgtctg	tgggagccac	tgagggttct	tcctttccaa	180
agtatggagc	agaggcatgg	cctttaattt	gagtttgaac	tggtggaggc	aggagttcct	240
cactggtctc	tttactaagg	agtttttctt	tttcataaaa	atcttggtct	tttattttga	300
tttcttctct	gtgtttttca	ttcttttagt	tttcctccat	agtaggtgga	gtctttcttg	360
ttcttcta	ccaagcttcc	cattctgttg	gaatatcccc	tgcttcatag	tctacttctt	420
ttttatttgc	tgcttctaca	attcttttct	ctcgaatagt	ttgtcctctc	cagttcttgt	480
actgcgggat	gtagtagtat	ttgttcccg	attgggtccg	gcccaagtcg	tctttcactt	540
cccttgacag	cgatctccac	aaggcgcgga	acaaatcctg	agaccaaccc	atgccgtcca	600
cccagtttcc	agcgtgtcca	ccagcggtcc	ccgcagtagg	ggtaatgctc	caaccgccga	660
caaagcccac	cgaggcgagg	aagtcagccg	aaa			693

<210> 8129

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (118)...(443)

<223> similar to gi2316080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8129

cgggcggcac	tgccgttagg	accgaaggcg	cgcggtggcg	cccagcagct	ccagcgaggg	60
gtcgcgcagc	agcgggggtct	ccccactccc	cgccgcccc	tgtgagatcg	ttctgcatgg	120



```
gaggggtcaag ttcttgacct tagctctgta tcaaaattgc ctgagaaact gcttaagaaa 1800
acagatgtca tgctgagcgc ggtggctcac acctgtaatc ccaacacttt gggaggccaa 1860
ggtgggagga ttgcttgagg cgaggagtgc aagaccagcc tggccaatat agtgagaccc 1920
catttctgtt tttgaaaaaa aaaaaaagg ggcggccctt tag 1963
```

```
<210> 8131
<211> 6769
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(6770)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (6377)...(4027)
<223> similar to gi2662079 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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aattcttttca accaaataag aaaaattcaa aatcgtaaac ccgtaagaaa acaaattaaa 180
aacggtgatg aaaatacgtc actcctctcg ttaggaacag tgtctggttt gtaccacaag 240
gtatgcctct ggaacaagga tttctttaca agcgtgaaggc acggtgtttc cacctttgct 300
ctgcgggctt cgctccctcc ggagcctggg gctccttgga aagcggcggg gacgcggcgg 360
gctctgggct tcggcaggcg caccocgggt ggccgggaag acagaaggcg ggccggggcc 420
gaagccgggg aagaggcagc ccgcgtggtg cgcagccgga actcagggtc tggttttccc 480
gtgaaacttg cagcgaagaa tcccagaacc aagcaggggc aagtgggagg acaagggtgct 540
cctggggagc ccagcgtttt attttacagc tgaatcttcc ctaaccggga agattgaatt 600
acaaccggcg gcgattgcca tagggggagg ttaattccgg ccctaccgcc cgctttactc 660
ggagtctggg gtgtggaggg gcgtgggtgg cgtatctctg tctaccttcc aggttggtcg 720
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ccatgactat caagcagaaa taaaattatg tgggttttta ctcttaaaat aagatatcct 1680
```



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ccaaagcggt	gatctccttt	tttgaggagt	acagcatgat	ggacaaaatt	tccagggtccc	5100

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ggaggagcca cgttttacta aagccagtcc ctttgctgca ctttttcacc agcaacttca 5160
gcaaatcggc ctgaaggaaa gtagcacgga tctcctcaaa accgtgagcc tttagtgttt 5220
tatacaatcc tttcagggcc agggacagga cccaagttgc ttctactgcc tcgggacaat 5280
ggctgtccat gctgctttgc agaagggtgac tggcgataaa ggcaaagtgc tgggagtact 5340
ggctcagctg ggcccagagag tcaccacact cttgtcctcc tcccttctgg accagctggt 5400
agtccttcac tgttttcctc ttccgagttt tgacatcaac aatcacagcc ctgttcttct 5460
cagtaaagtg cttcaagatg atcacattat ggggttcatt ggcattatcc atataaacgc 5520
agcgggttcc cacacagagg acctggggga agccaaccag cacgagcagg gtgaagatgt 5580
tggtgtgctt cagctggaat ggcagctgct tgatgcagtg gtctgtgaag gtggcaatga 5640
catcacgcca cagtggggca ctggtgagtg accgcaggat ctctgccatg gagcacgccc 5700
agtccaagcc caccggctg tccagacaca cagctcccag gctaaagagc aggtgggtgg 5760
ttttccagcc atctggcaca atggaaactgt cccctgcagc aaacagggtg tgtttggctg 5820
agaggacttt gatcactgct gcgtctacct ctgctggcaa aagacggata attaaactggc 5880
cgagaagacc cagggtgaga tggtaggttt cattcagggtg gcctgcgttt gagatgacaa 5940
cctgaaacat gagtggaagg acgtgctcca ggtctatcag gggaaccgtg gggcccagct 6000
ttaagggagg taacatggct gctagtaatc ccaaaatcct cttctgggaa cactcagcaa 6060
acacttgctc agggcttggg gtaactgctt ttctctctat gggcttctga gatgacactt 6120
ctgaatcttc agcatctgga agtctgttag gtgggctagc atctgcaggt gaatctgaaa 6180
tttgggtctg gcatgaagga tccctcgata atgatacacc ttatctgcc ttatttctct 6240
gcttgaaatc tacagggtctg atttcctcat gaacagctct ctttccattg cctgcttctg 6300
acagctcagc accctggaca gctttcttct ctagctgctc ctctgacgct ccggtgggca 6360
cagtgactgg tagggcatga tcttctaggc tcgagtcccc atctggcaat acaccagca 6420
aagctagagc ttttaaggcct tttccctgat gagccttcat cagacagtc cgcagcagct 6480
gcatgactg gctccgcagg gtggtggcac tgctgcgct ctgggggtcc agcttctccc 6540
catccacatc ctctgcactg gccagggtgg cgctatagag agccagggca gcaaagagca 6600
gccaggagta gttatggata tatggctgga tagcctctg ccggtcactg atccgaatgg 6660
ttaccattgg gtgggcccgt atgctgtggg taggcaaatg gccgtaggag tatttctcgg 6720
acgcgtgggt cgncccgggc gtacgggtct ctaacgacgg gcgtcaaaa 6769

```

```

<210> 8132
<211> 1389
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (573)...(732)
<223> similar to gi5002569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8132
cgatttcgtg taagatggca gcggacggac agagctcgct ccccgcttca tggcgggtcgg 60
tgaccctcac ccacgtcgaa tatcctgcag gtgatctctc cggccacctc cttgcctacc 120
tgagcctcag ccctgtattt gtcacgtcgt gtttctgtgac cctcatcata ttttaagcggg 180
agctgcacac gatctccttc cttggggggcc tggcactgaa cgaggggggtc aactggctga 240
tcaaaaacgt catccaggag ccacggccct gtggaggccc ccacacagca gtgggcacca 300
agtacgggat gccctccagc cattcccagt ttatgtggtt cttctccgtc tattccttcc 360
ttttcctgta ttttaagaatg caccaaaca acaacgccag gttcctggac ttgctgtgga 420
ggcagtgct ctccctggga ctctcgctg tggccttcc agtctcctac agcagggtct 480
acctgctgta ccacacctgg agccagggtgc tctatggagg catcgctgga ggcctcatgg 540

```





ctctggacaa	gtaaaactctg	agacctggga	atggcgggcg	ggacccgctc	ctcccttggg	240
gtctagagga	gacccccgga	gatggtcctt	gatgagcagc	gtgatgggtg	aaagctggac	300
tggctctccg	aaaggcgaag	ccgaggcttc	ttcctctgaa	cttttggggc	agctgagggg	360
cccacggaca	tagggcaccc	acaataggcg	tgtgtctgct	gtgtgtttgt	gttcggccgt	420
cctgcttctc	tgcttccaca	cgtacacatg	ccccgtgtt	actttgggtc	atcttctgta	480
ctctgtcagt	tttctgctgg	tcagaacatc	tgtgactgtg	acagagctgt	ccaggattgc	540
agtggatagg	aattttcttca	catggctcct	ggagaagtga	ccatcacagt	tcgcctcatc	600
cgttcctttg	aacatcgcaa	tttcaaacct	gtagtgtatc	acggagtga	tttggaccaa	660
actgtaaagg	aattttatcgt	attttctaaag	caagatgcac	ttaaagattat	tcatcaagca	720
cataaatcaa	agacaaatga	acttgtgttg	agtttgggaag	atgacgaaag	actcctgctg	780
aaagaagaca	gcactctgaa	agcagctgga	atcgaggagg	aggatgagaa	tgatgtgcat	840
tccgatctct	tggctgagga	cagtaggtgt	ctgctctcca	aatatgcaga	atgcaaattgg	900
ctgtttttcag	aagccagtga	aactgaaatt	gcatttcttct	gtgaagaaga	ttataggaac	960
tacaaagcta	atccc					975

<210> 8136  
 <211> 2797  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (225)...(2797)  
 <223> similar to gi3170196 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8136						
tggagatgga	ggggaaggag	gatgcccaga	agggtgctgaa	gtgcatgtac	tgtggacact	60
cctttgagtc	cttgaggagc	ctcagcgttc	acatgatcaa	aaccaagcat	taccagaaag	120
tgctctgaa	ggagccagtg	ccagccatca	ccaaactggg	cccctccacc	aaaaagcggg	180
cgcttcagga	cctggcgccc	ccctgtctcc	ctgagccagc	aggaatggcc	gcagaggtgg	240
ccctgagtg	gtcagccaag	gatcagaaag	cagcgaaccc	gtacgtcacg	ccaataaacc	300
gctatggcta	ccagaatggc	gccagctaca	cctggcagtt	tgaggcccg	aaggcgaga	360
tcctcaagtg	catggagtg	ggcagctccc	acgacacgct	gcagcagctc	accgccaca	420
tgatgggtcac	cgggcacttc	ctgaaagtga	ccacctcggc	ttctaagaag	ggcaagcagt	480
tgggtgctgga	ccctgtggtg	gaagagaaga	tccagtccat	cccactaccg	cccaccacc	540
acacgcggct	gccggcctcc	agcatcaaaa	agcagcccga	ctctcccgcg	gggtccacga	600
cttctgaaga	aaagaaagag	ccagagaagg	agaagccggc	tgtggctggc	gacgcggaga	660
agatcaagga	ggagagtga	gacagcttgg	agaaatttga	gccagcacc	ctgtacccgt	720
acctgcgtga	ggaggacctg	gacgacagcc	ccaaggagg	gctggacatt	ctcaagtccc	780
tggagaatac	cgtctccacg	gccattagca	aagctcagaa	tgggtgcgcc	tcatggggtg	840
gctacccag	catccatgca	gcctaccagc	tcccgggcac	cgtgaagcca	ctgccggcgg	900
ccgtgcagag	cgtgcaggtg	cagccgtcct	atgctggcgg	cgtgaagtcg	ctgtcttccg	960
ccgagcacia	cgccctcctg	cactccccag	ggagcctcac	gccccaccg	cacaagagca	1020
acgtgtctgc	catggaggag	ctgggtggaga	aggtcacggg	caaggatcaac	atcaagaagg	1080
aggagagacc	ccctgagaag	gagaagagct	ccccggccaa	ggctgcgtcc	cccatagcaa	1140
aagagaataa	agatttcccg	aaaacggagg	aagtcagcgg	caaaccacag	aagaagggcc	1200
ctgaggccga	gactgggaag	gccaaaaagg	agggaccgct	ggacgttcac	accccaaattg	1260
gcacagagcc	tctcaaagca	aaggtcacca	acggctgtaa	caacctgggg	atcatcatgg	1320
accactcacc	ggagccttcc	ttcatcaacc	cgtgagcgc	tttgcagtcc	atcatgaaca	1380

```

cccacctggg caaggtgtcc aagcccgtga gtccctcgct ggacccgctg gcgatgctgt 1440
acaagatcag caacagcatg ctggacaagc cggtgtaccc cgccaccctt gtgaagcagg 1500
ccgatgccat cgaccgctac tattatgaaa acagcgacca gccattgac ttaaccaagt 1560
ccaagaacaa gccgctggtg tccagcgtgg ctgattcggt ggcattcacct ctgcgggaga 1620
gcgcactcat ggacatctcc gacatggtga aaaacctcac aggccgcctg acgccaagt 1680
cctccacgcc ctccacagtt tcagagaagt ccgatgctga tggcagcagc tttgaggagg 1740
cgttggacga gctgtcaccg gtccacaaga ggaagggccg gcagtccaac tggaaaccgc 1800
agcaccttct catcctgcag gccagtttcg cctcgagctt gcgggagacc acagagggca 1860
agtacatcat gtcggacttg ggcccgcagg agagggtgca catctcgaag tttactgggc 1920
tctccatgac caccatcagc cactggctgg ccaatgttga agttaccagt ttgaggagga 1980
cagggggaac gaaattccta aaagaacctg ggacacaggg gcatcctgtt ttcttttgca 2040
acgattgtgc ctctcagttc agaactgctt ctacatacat aagtcatttg gagacacact 2100
tgggcttcag cctgaaggat ctctccaagc tgccactcaa tcagattcaa gaacagcaga 2160
atgtttcgaa agtcctcacc aacaaaactc tggggccact gggggccacc gaggaagact 2220
tgggctccac attccaatgt aagctctgca accggacttt tgcgagcaag cacgcagtca 2280
aactgcacct taataagacc cacggcaagt ctcccagga ccacctgatc tatgtgactg 2340
agttggagaa acagtagcgt ccaggtatgc aagagaccgc ggaacattgc actaaacgtc 2400
gtcgagctgc actaggcctg gcctgagcct ctgaaatcag tctttccttt gttgctggcc 2460
cgcctctctg gaccttggtt ttcttacaca tattttgtat atttatatgc tctctgtccg 2520
atctgtgcat gttatttttc tttttccgtg agtcaaagtc tgacctttat tttcaacatc 2580
tgttcttggt gttaagctat cttttgtagg aaatagtggg gcacactact cagagacatt 2640
athtagcagt aaagaaagac acaataaaca atgataaaaa gacatcctaa aatgggtgaag 2700
ttgccatgac aataaaggtc atagaacctg gtagtgtcaa atttaaccct ttgaggactg 2760
taattgcatt tctgtgcctt tcacttgaaa aaaaaaa 2797

```

```

<210> 8137
<211> 3021
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3022)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (527)...(2435)
<223> similar to gi4868122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8137
tttcgtatga gaggtgtgtg gagangctgc agccgcgggc agaggagacc tcagcatcat 60
ctagagccca ggcgtggccc tgccctccgc tgcccgcgcg ccgcgctgc cgtttctgtt 120
cctgtacttg tcccacctaa acaactcccg ttacacggac aagtgaacaa ctgtggctgt 180
cctctccttt tottctctct ctccaactc cttctcctcc tcccacttcc cagccgcagc 240
agaaagcccc caaccctact gacactggca caactgcaaa cgggtgtcatc cgcacaactt 300
tatctcgtct ctcggtctcc cctaaggcat tggaccatc gccgcgtctt ttattttttg 360
caaagttgca tcgctgtaca tatttttgtc ccgcacacct ccctctgtct ctggagtgcc 420
ctacagcccc gcaaaactct cctggagctg cgccctagtg ccctgctgg gcagtggcgt 480

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tcccccccat	cctccccgcg	ccagcccctg	ctgctctggg	cagacgatgc	tgaagatgct	540
ctcctttaag	ctgctgctgc	tggccgtggc	tctgggcttc	tttgaaggag	atgctaagtt	600
tggggaaaga	aacgaaggga	gcggagcaag	gaggagaagg	tgcctgaatg	ggaaccccc	660
gaagcgccctg	aaaaggagag	acaggaggat	gatgtcccag	ctggagctgc	tgagtggggg	720
agagatgctg	tgcgggtggct	tctaccctcg	gctgtcctgc	tgcctgcgga	gtgacagccc	780
ggggctaggg	cgctggaga	ataagatatt	ttctgttacc	aacaacacag	aatgtgggaa	840
gttactggag	gaaatcaaat	gtgcactttg	ctctccacat	tctcaaagcc	tgttccactc	900
acctgagaga	gaagtcttgg	aaagagacct	agtacttcct	ctgctctgca	aagactattg	960
caaagaattc	ttttacactt	gccgaggcca	tattccaggt	ttccttcaaa	caactgcgga	1020
tgagttttgc	ttttactatg	caagaaaaga	tgggtgggtg	tgctttccag	attttccaag	1080
aaaacaagtc	agaggaccag	catctaacta	cttgaccag	atggaagaat	atgacaaagt	1140
ggaagagatc	agcagaaagc	acaaacacaa	ctgcttctgt	attcaggagg	ttgtgagtgg	1200
gctgcggcag	cccgttggtg	ccctgcatag	tggggatggc	tcgcaacgtc	tcttcattct	1260
ggaaaaagaa	ggttatgtga	agatacttac	ccctgaagga	gaaattttca	aggagcctta	1320
tttgacatt	cacaaacttg	ttcaaagtgg	aataaaggga	ggagatgaaa	gaggactgct	1380
aagcctcgca	ttccatccca	attacaagaa	aaatggaaag	ttgtatgtgt	cctataccac	1440
caaccaagaa	cggtgggcta	tcgggcctca	tgaccacatt	cttagggttg	tggaatacac	1500
agtatccaga	aaaaatccac	accaagttga	tttgagaaca	gccagagtct	ttcttgaagt	1560
tgcagaactc	cacagaaagc	atctgggagg	acaactgctc	tttggccctg	acggcttttt	1620
gtacatcatt	cttggtgatg	ggatgattac	actggatgat	atggaagaaa	tggatggggt	1680
aagtgatttc	acaggctcag	tgctacggct	ggatgtggac	acagacatgt	gcaacgtgcc	1740
ttattccata	ccaaggagca	acccacactt	caacagcacc	aaccagcccc	ccgaagtgtt	1800
tgctcatggg	ctccacgatc	caggcagatg	tgctgtggat	agacatccca	ctgatataaa	1860
catcaattta	acgatactgt	gttcagactc	caatggaaaa	aacagatcat	cagccagaat	1920
tctacagata	ataaagggga	aagattatga	aagtgaacca	tcacttttag	aattcaagcc	1980
attcagtaat	ggctctttgg	ttgggtggatt	tgtataccgg	ggctgccagt	cagaaagatt	2040
gtatggaagc	tacgtgtttg	gagatcgtaa	tgggaatttc	ctaactctcc	agcaaagtcc	2100
tgtgacaaag	cagtggcaag	aaaaaccact	ctgtctcggc	actagtgggt	cctgtagagg	2160
ctacttttcc	ggtcacatct	tgggattttg	agaagatgaa	ctaggtgaag	tttacatttt	2220
atcaagcagt	aaaagtatga	cccagactca	caatggaaaa	ctctacaaaa	ttgtagatcc	2280
caaaagacct	ttaatgcctg	aggaatgcag	agccacggta	caacctgcac	agacactgac	2340
ttcagagtgc	tccaggctct	gtcgaaacgg	ctactgcacc	cccacgggaa	agtgtctgtg	2400
cagtccaggc	tgggaggggg	acttctgcag	aactgggtaa	ccctgaaaag	gtttgtctcag	2460
aacatccttt	gctggccaac	tgcaactgact	ccagaaagag	acttctaagt	gtaatcagag	2520
agcaaagcat	atgctgtctg	ccccctggaa	gcaagaggaa	ggaagaatcc	aaggaggttt	2580
atatggcgga	tattccaccc	aaccaaaatc	caaaactgac	tgttcctttc	tgttgcaactg	2640
gagttgcttg	agcctctgtg	tctccccctc	aggctggggc	actcccatgt	tgagatccta	2700
ccttgaagga	atgggaacat	agagcttggg	aggccctctg	tagagaatgc	tcctgtgaag	2760
cagagatttc	aaaggactaa	aatcttcatt	ttaaataagag	ttaattttgc	aaaggggttg	2820
aattgtttct	catgatctct	gcttctctag	aaatgtctct	cattctctgc	tgagttcagg	2880
tctccaaata	actatgggtg	taaaagcctg	tttcctactt	gcatatttat	ctttcagatc	2940
attttgtaac	tatctccctc	cttttttccc	tcgttccct	tattcagcaa	atatttggtg	3000
gtctcatgct	cagtcctggt	t				3021

<210> 8138

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(1248)

<223> similar to gi4914607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8138

tttcgtggag cagacaagat ggcgacgtcc gtggggcacc gatgtctggg attactgcac 60  
ggggtcgcgc cgtggcggag cagcctccat ccctgtgaga tcaactgccct gagccaatcc 120  
ctacagccct tacggaagct gccttttaga gcctttcgca cagatgccag aaaaatccac 180  
actgcccctg cccgaacctt gttcctgctg cgtcccctgc ccattctgtt ggtgacaggc 240  
ggcgggtatg cagggtaccg gcagtatgag aagtacaggg agcgagagct ggagaagctg 300  
ggattggaga ttccacccaa acttgctggt cactgggagg tggctttgta caagtcagtg 360  
ccaacgcgct tgctgtcacg ggccctgggt cgccctcaatc aggtggagct gccacactgg 420  
ctgcgcaggc ccgtctacag cctgtacatc tggacgtttg ggggtgaacat gaaagaggcc 480  
gctgtggagg acctgcatca ctaccgcaac ctacgcgagt tcttccggcg caagctgaag 540  
ccgcaggccc ggccctgtctg tggcctgcac agcgtgatta gcccatcgga tgggaaggatc 600  
ctcaactttg ggcaggtgaa gaactgtgag gtggagcagg taaagggggt cacctactcc 660  
ctggagtcgt tcctgggccc gcgtatgtgc acagaggacc tgcccttccc accagccgcg 720  
tcgtgtgact ccttcaagaa ccagctgggt acccggaag ggaatgagct ctatcactgt 780  
gtcatctacc tggcccctgg ggactaccac tgcttccact ccccccaccga ctggactgtg 840  
tcccaccggc gccacttccc aggtccctg atgtcagtga accctggcat ggctcgctgg 900  
atcaaagagc tcttctgcca taacgagcgg gtggtcctga cgggggactg gaaacatggc 960  
ttcttctcac tgacagctgt gggggccacc aacgtgggct ccattcgcac ctactttgac 1020  
cgggacctgc acacaaacag cccaaggcac agcaagggct cctacaatga cttcagcttc 1080  
gtgacgcaca ccaatagaga gggcgtcccc atgcgtaagg gcgagcacct gggcgagttc 1140  
aacctgggct ccaccatcgt gctcatcttc gagggcccca aggacttcaa tttccagctg 1200  
aaaacaggac agaaaatccg ctttggggaa gccctgggct cgctctagag tctctttcct 1260  
gattatggct gctaagggat cttttccaaa cagagtggg gtcttttcaa gagggaggcc 1320  
catgaggcca tccaggtaag ggccctgcctc agcgtgggtg ggagtctgac caggtaggac 1380  
ttgaatgatt cggctaccac ctgttccaga ggtgcagaca agaggtggcg agagccccc 1440  
tcatgcccct caacctatcc cgttccttct gcctacaaat aaaaagtgcg ggctggaaaa 1500  
aaataaataa actgaaaaga agctgaacac aagaactaaa aacaggaaac cccggggggg 1560  
gggggggtta aaaaagaatg ttgggggggc caacattaat ccgggagcag acttggtttt 1620  
ttttt 1625

<210> 8139

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (236)...(590)

<223> similar to gil67411 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8139

tttcgtgaga aaccgggagg gcaggcgcgg ccgttttggt ttatccgggc cgcttcccgg 60  
cgggaggcgg gctgctaata ggaagcggga ggaggaggcc gggccgcggg ctggttctat 120  
caccoccttg ggagcccagc tcttcaccta gctctccggc gcttttcaaa atctgcagtt 180









<210> 8143  
 <211> 2560  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1991)...(1294)  
 <223> similar to gil729769 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8143

ctcgagagaa	acactaggct	cagtcctctg	atgccctca	tctctagata	gaaaacaaac	60
attccagcag	aaggaatagg	agtgatgaga	ctgctgtacc	tgagttcagt	aagatttcat	120
tttttctgga	taaagtactt	tccaaatgca	agatggcaca	tctcttaagt	tctgagagcc	180
ccactaacc	atcctctacc	aagattgctt	atctagcgca	ggacaaatgt	gaggaggcag	240
cccacagccc	agcacatgtg	gggcaccatg	ttagcgtgtt	taggctgagc	attgggtttc	300
tgctggacaa	gtgtgtcatt	aactccctga	aacaggaaaa	gccttatggg	cataaacttg	360
gtccttgatt	aacttgactg	agtcattcct	gtcaacatgc	tcttctagt	aacctccaat	420
gcatctggca	tctttgacag	ttgccacttc	ctttgtgcat	agagccagga	agagcaatgt	480
ggacactacc	agaagtccaa	cattttcctg	ggccttccga	tctctcatgg	gccccatacc	540
ccacaactct	tttctgtat	tctcaactccc	tctgtcagtc	tttcttcttt	gaattcctcc	600
ttcctcagtg	gccctcttct	aatccctcca	acaccctaac	ccacatagcc	tcttcccttg	660
tgtatccttt	agcctctccc	agatccctgt	caggttgatc	cttctccacc	ttactctgga	720
ccctcttcta	agcttctttg	tgttcctctc	tactcagttt	attctatttt	cctctaagcc	780
ccaagatctc	actctccctc	tgttagtctt	ccttctgagt	tggtatgttc	cttctcatag	840
gtcatccctt	cccccaagga	gcccctccct	ttctggccct	ttccacctc	ttcctaagca	900
gtcacctcct	cctctctccc	caagacagcc	aatctcttgt	tccttccctt	gccccctcca	960
gaccagacca	gctaaatcca	gtgccatttt	taaatgactg	attatgattc	tagctgaact	1020
ttattcacag	ccgaaattga	cagctgttcg	ttccttccat	gccccatcta	ccaaacacac	1080
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<210> 8144  
 <211> 3369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (74)...(2735)  
 <223> similar to gi5281314 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8144						
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caacattcgt	tttgctcgag	gagaacgtga	agaggcgata	ttgatgtgca	tggaaatcat	600
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tattttttgc	tatacaaaa	ctcttaaata	tgaacctact	aatgtccggt	atctgtggga	840
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ggcaaagagt	tactatgaag	ccaatgatgt	tacttctgct	attaacataa	ttgatgaagc	1020
tttctcaaaa	caccagggcc	tagtctccat	ggaagatggt	aacatagcag	ctgaactata	1080
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tgtacatctc	aacattcttg	aaccacttaa	tcctctcttg	acaacactag	tagaacagaa	1320
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acgcggccg						3369

<210> 8145  
 <211> 3722  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (320)...(1591)  
 <223> similar to gil469179 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gggggtgggc	gtagagggga	ggttgggggt	ggagcagcgg	cgagggggcc	cctcccttgc	180
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aa						3722

<210> 8146  
 <211> 1139  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (66)...(1142)  
 <223> similar to gi3378206 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 aggccgacgc ggagggttaag ctcatctctgt accattggac gcattccttc agctctcaaa 180  
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 ccttgagtga gcacaatgag ccttggttta tgcgtttgaa ctcaactgga gaagtgcctg 300  
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 agactttcct ggatgaaaga acaccaggt taatgcctga taaagaaagc atgtattacc 420  
 cacgggtaca acattaccga gagctgcttg actccttgcc aatggatgcc tatacacatg 480  
 gctgcatttt acatcctgag ttaactgtgg actccatgat cccggcttat gcaactacaa 540  
 ggattcgtag ccaaattgga aacacagagt ctgagctgaa gaaacttgct gaagaaaacc 600  
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 ttgaaactga attgccaaaga agaaatgaag aaaccccaga agagggccag caacctggc 780  
 tctgcggtga atccttcacc ctggcagacg tctcactcgc tgtcacattg catcgactga 840  
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 ttcttggcac gacccttgtg gttggtttgc ttgcaggagt gggatatttt gcttttatgc 1080  
 ttttcagaaa gagacttggc agcatgatat tagcacttag acccagacca aattatttc 1139

<210> 8147  
 <211> 3395  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (29)...(1315)  
 <223> similar to gi4826454 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tgcccggctc	aaactgggag	tcaaggatgc	ccgggagaag	cttttgcaga	aagatgcccg	300
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gaagtgaac	cttcacatga	atgggaatgt	tatcacctca	gaccagccca	tcctgctgcg	1140
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 <211> 4794  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (64)...(2134)  
 <223> similar to gi5689471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<211> 3707

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (3606)...(2911)

<223> similar to gi929615 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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caagcatatg	ttttcctaca	ctttcacttg	caccggtaat	ggtggtgaac	tgttgaatta	4620
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gaaa						4684

<211> 4746  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(4747)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (4322)...(611)  
<223> similar to gi3882205 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8151

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gtccaaacag	ctgaagaata	actgcaggta	ttgttccaga	gctgatacga	ggttttgctt	360
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6758



```

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ctctgctggt caaatacttg actcccactc ttgccactcc tagctccaga agggctcagg 180
gccttcccca cagatctaag gactggggct accctgcctg tccactgagg tttctcctaa 240
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gctgccggag aaatcaaagt ctaggaagta agaggtaaga gtgtactaca ggggacatac 780
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<210> 8153

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1567)...(887)

<223> similar to gi4454690 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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atctgcaactg agggttaagg gaggtatcta tgaaaggggtg tgcaacttcc ccaaaccgca     180
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cctggcatcc ttgggggtag gggaaagaca gacagctccc agggccacag aaaatacctc     780
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cgaaa                                           1625

```

```

<210> 8154
<211> 3474
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (112)...(793)
<223> similar to gi2649280 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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caacgaggtc	tccggcgagt	gagagacctt	tgtcgagttc	tgcagttgcc	accaacattt	360
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cctgccctct	ccctctactc	ccctcagttc	acccacagge	acctggcagt	cagctgttga	2760
ggtgcagggc	ctcagctttg	tcacgtgtgt	ccacctctga	acctgctgt	ctggtttaag	2820
taccactcct	gtgggaatgg	tggcattgtt	cctagtgtgt	ccccgggtcc	cactcccctc	2880
cccaggact	ggttgatgtc	tagagctgcc	tttcaagctg	ccccaccctc	ccctcttgca	2940
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gctctcgtgc	cagccaaact	cgggaggaaa	agggacctag	gatctaggca	ggggctgggc	3060
tgaatcagt	agagggcagg	gaggaaagaa	cacagttccc	acgctctcat	ctctgctttg	3120
ctggtgaggc	tgatggcccc	cagtgaggcc	gcattggacag	taggcggggg	gggagtactt	3180
ggggaggggt	cacctgggat	gtgctgtgcc	ctttcacaca	gacggaggcc	ttccccgttc	3240
ctgggagggc	accgacagtc	agactgcccc	gggctggacg	gaaatgtatt	atgcgtgttt	3300
ctgggattgt	ctgtcgctac	cccagaggga	tgccctctag	gcaagtgggg	aacatccgcc	3360
tgtgggcttc	ctccagccat	cggctcctct	gcctccaacc	tgctgactac	ggagacacct	3420
tggagggccc	cgaggagcgg	gggaacgagc	cgcgtggcca	gcccgtctac	cgcg	3474

<210> 8155  
 <211> 1973  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1774)...(956)  
 <223> similar to gi285993 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8155  
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 aagcagtata cataccatag agaaagggac ctgagggcat ctgagtcag catggtgtgg 120  
 tacatacaaa ccttggccca gcccaaagga gcagtcaagg gcctggaaga aagatgggtt 180  
 gctctttccc cctcctcctc tctctttcct accgggctta aagtccgtgg aagagaaagt 240  
 ttttaatcag tggaaactgat aaggcctcag ggccgtggag ggtagatttg gttgttcagt 300  
 aatataaaat gtgtttaaga aaaaaaacag ccagagcttc ccagcagtag cccatgtgtt 360  
 ggctggttca gcagcctgac ctctacatct agacaaggaa gtgaggaggg tgattgctgg 420  
 gcattggtgt aggtttatga cggagcagca taagattttc cgtgccctgt gaacacgtat 480  
 acaaacattc atagccctt cccctcagcc ctgctctgct gcaaggaagc tgctgagagt 540  
 gagtgaacag ctggggccac aaagtgtcct gtgagaccag ctatagggtc taatgcagtg 600  
 aagtcagtca tttaggacct attttcacac aggggcaagg aaaaaccaga aacaacttct 660  
 ctcttaccct ttaaactaag atacttcatt ctacacgatt acctgaaaca aatgtctcag 720  
 gtcaaatac aagccttagc ttctgctagg gtttgaagtc tgggaaatat ataataccagc 780  
 tcttctcttt cagtccaagc tctagcttgt cagcaagact gttgcagaag atctatcctt 840  
 aagaggcaga aacatctgag gtgaggaagg cagctattga aggtattcca ggagcatgag 900  
 actgagtttg cagagctgag ggttgtcaat ttctttttct actgatatct tcttcttcta 960  
 gagcaaaact cctccttagg acctcagaga taagcacagc agggctcttc tccttcaata 1020  
 aactccgggt cagatcttga ctctgtttca ttcggtgaaa gtccttcagg atacccatca 1080  
 tgtctgcaaa gctgctggcc ttggacaaag agacgcagtc atcctcttca gacgaactgc 1140  
 aggcagcttt gtgttctggt ttgcaacatt cagggtctgg agaacaaagc agggggactg 1200  
 atggaagctc agggacctcc acctctgtct cctcggtgat gtcactaatg acaaaggaag 1260  
 ttgtagagtg gaatgaggat ccaaaacaag gtaagggaga agagacattt gaacttcctg 1320  
 gagataagaa atctggcgtt aatgaagccg aagctgcata agctgccact atctttgcaa 1380  
 tctggctgag caagtggctc agctcgtcct gcagctcagt agtgcggtt agggctggca 1440  
 gagctggctt cttcagggcc agaagcctct cctcggacct acgcaggttg ggaacagagg 1500  
 cattgcgctg catgacaatc agagggctgg gtttccaggt gtgcctcagg gggcgctat 1560  
 cactcctgac ccgggcatat gtctcctctt catccgcagc aatccaggcg atgtcagcca 1620  
 gggtagggac tgggggcaca tctctcaaac acaggtcaga gatgttgggc agggctctca 1680  
 aggacgcccg ggcacacggc ttcaagggtg ggttggtccc aattcttctt actacacttc 1740  
 gagcagcccc atgtggcttg ttttgccaga ttgggatggt cacagtggct tccattcctg 1800  
 acatttgaac cagctcctgc acttgaagga caaggcagcc actgggcagc tccgggaggc 1860  
 gggagggctg actccttcat atcaggccat ctcaagctcg ggctcccga ctctctcacc 1920  
 tcacggcccc tccttcacc ttggggccgc cagcctcgtg ccaagcttgg cgt 1973

<210> 8156  
 <211> 1465  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (34)...(704)

<223> similar to gi34834 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8156

ggctggtggc	aggaacaagc	cctttccgac	cccatggagc	tgtatgagac	atccccctac	60
ttctaccagg	aaccccgctt	ctatgatggg	gaaaactacc	tgctgtcca	cctccagggc	120
ttcgaaccac	caggctacga	gcggacggag	ctcaccctga	gccccgaggc	cccagggccc	180
cttgaggaca	aggggctggg	gacccccgag	cactgtccag	gccagtgcct	gccgtgggcg	240
tgtaaaggtgt	gtaagaggaa	gtcgggtgtcc	gtggaccggc	ggcgggcggc	cacactgagg	300
gagaagcgca	ggctcaagaa	ggtgaatgag	gccttcgagg	ccctgaagag	aagcaccctg	360
ctcaacccca	accagcggct	gccaaggtg	gagatcctgc	gcagtgccat	ccagtacatc	420
gagcgcctcc	aggccctgct	cagctccctc	aaccaggagg	agcgtgacct	ccgctaccgg	480
ggcgggtggcg	ggccccagcc	aggggtgccc	agcgaatgca	gctctcacag	cgctcctgc	540
agtccagagt	ggggcagtg	actggagttc	agcgccaacc	caggggatca	tctgctcacg	600
gctgacccta	cagatgcca	caacctgcac	tccctcacct	ccatcgtgga	cagcatcaca	660
gtggaagatg	tgtctgtggc	cttcccagat	gaaaccatgc	ccaactgaga	ttgtcttcca	720
agccgggcat	ccttgcgagc	cccccaagct	ggccacagat	gccactactt	ctgtagcagg	780
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actatccct	tcctcatcca	tgtaaaggta	acccaccccc	cagcaaggga	ctggacgccc	900
tcattcagct	gcctccttag	aggagagggc	atcccccttc	cagggaggta	aagcagggga	960
ccagagcgcc	ccctcgtgta	tgccccagct	cagggggcaa	actcaggagc	tccttttcta	1020
tcataacgcg	gcctctaatt	ccacccccca	agtgaacagg	tttgagagac	gcagtgcctt	1080
gacctggaca	agctgtgcac	gtctcctggt	ctggtctctt	cccgatgcca	gtggctgggc	1140
tgggcctgcc	ctgaattgag	agagaagaag	ggggagagga	acagccctct	gttcccaagt	1200
ccctgggggg	ccaaactttt	gcagtgaata	ttgggaacct	tccagtgggt	ttatgttttg	1260
ttttgtttcg	tgtgtttgtt	gtaaagctgc	catccgacca	aggtctcctg	tgctgaagtt	1320
gccggggaca	ggcagggaaa	aggggttggg	gcctcttggg	ggtgatttct	tttgtaaca	1380
aagcatcgtg	tggttttgcc	attgatttgt	atTTTTTTTT	TTTTTTTTtg	ggcaaactaa	1440
ttggaatccc	tttttaaaaa	aaaaa				1465

<210> 8157

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (185)...(1493)

<223> similar to gi34192 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8157

tttcgtcgcc	cctcctgcac	ggaggagtcg	ttctgcttcc	gcggcgccat	ctggatggag	60
tttcactctt	ggtgcccaga	ctggagtgc	atgacacaat	ctcagctcac	cacaacctct	120
gcctcctggg	ttcaagcgat	tctcccgcct	cagcctcccg	agtagccggg	attatagaac	180
cacaatggac	actgccagcc	atagccttgt	tcttctccag	cagctgaaca	tgcagcgaga	240
atgttggttt	ctgtgtgatt	gcacagttgc	aattggagat	gtttacttca	aagcccacag	300
agcagtgtct	gctgcttttt	ctaactattt	caagatgata	tttattcacc	aaacaagtga	360
atgcataaaa	atacaaccaa	ctgacatcca	acctgacata	ttcagctatt	tgttgcacat	420
tatgtacacg	gggaaagggc	caaaacagat	tgtggatcat	agtcgtttgg	aggaagggat	480
tcgattttct	cacgccgact	accttttctca	cattgcaact	gaaatgaatc	aagtgttctc	540
accagagact	gtgcagtcct	caaattttata	tggcattcag	atctcaacaa	cccaaaaaac	600
agttgtcaaa	caaggactgg	aggtcaaaga	agctccttcc	agtaacagtg	gaaacagagc	660
tgctgtccag	ggtgacctcc	cccagttgca	gttgtctctt	gctattggtc	tggatgatgg	720
cactgcagac	cagcagaggg	cctgtcctgc	caccagggcc	ctggaggagc	accagaagcc	780
cccagtttcc	atcaagcagg	agagatgtga	cccagaatct	gtgatctccc	agagccaccc	840
ctcacccctca	tcagaagtga	caggcccccac	ttttactgaa	aacagtgtca	aaatacactt	900
atgccattac	tgtggggaac	gttttgattc	ccgtagtaac	ctaaggcaac	atctccatac	960
acatgtgtct	ggatccctgc	cattcggtgt	ccctgcttcc	attctggaaa	gtaatgacct	1020
tggtgaagtg	catcccctta	atgaaaacag	cgaggccctt	gaatgccgca	ggctcagctc	1080
cttcattgtt	aaggagaatg	aacagcagcc	agaccacacc	aaccggggta	ccacagagcc	1140
tttgcatgac	agtcaagtat	ctttgatctc	caaagacaca	gagccagtag	aattaaactg	1200
taatttttct	ttttcaagga	aaagaaaaat	gagctgtacc	atctgtggtc	ataaattccc	1260
tcgaaagagc	caattgttgg	aacacatgta	tacacacaaa	ggtaaatctt	acagatataa	1320
ccgatgccaa	aggtttggtg	atgcattggc	ccagagattt	cagccatact	gtgacagctg	1380
gtctgatgtc	tccctgaaaa	gttctcgctt	gtcacaagaa	cacttagact	tgccttgtgc	1440
cttagagtca	gagctcacac	aagaaaaatgt	ggatactatc	ctagttgagt	agcagcttct	1500
ctttcagaat	ttttatacca	attctgaaaa	agaaaaatttg	cgtggcattt	ttaattcata	1560
aattattttc	ctcctcaagt	ttcattgact	ttttttcttc	acagcttatc	catggtttta	1620
aggttgtata	tattagatct	tctcataaga	catattaata	tgtggctatt	aaaatgtaac	1680
attcaattac	tactgtgaac	ttttcacaaa	cgaaataaca	atttagaaat	cagaaatcaa	1740
tgtagaaata	tggaaacctt	aaatagttat	ttatagaatt	ctaagttttt	ccagttatag	1800
aatcagtaaa	at					1812

<210> 8158

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(178)

<223> similar to gi37238 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8158

gcagaactta	ccatgtcgac	cagccgcaaa	ttaaagagtc	atggcatgag	gaggagcaag	60
agccgatctc	ctcacaggga	agtcaagaga	ggtggcagca	aaagaaaata	ccgtaagggc	120
aacctgaaaa	gtaggaaacg	gggcgatgac	gccaatcgca	attaccgctc	ccacttgtga	180
gccccagcgc	ggctctgccc	tggctgcgctt	cacacagcac	caagcagcaa	caagaacagc	240
agaaggggaa	ctgccaagga	gacctgatgt	tagatcaaag	ccagagagga	gcctatggaa	300
tgtggatcaa	atgccagttg	tgacgaaatg	aggaatgtat	atgttggctg	tttttcccca	360

acatctcaat aaaactttga aagcagaaaa aaaataaaaa aaaaa

405

<210> 8159

<211> 1976

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1768)...(1244)

<223> similar to gi5360109 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8159

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tgcatataat	cacttttcta	accacctttt	aagctttaat	ttttaacact	atacaccaag	120
tctttgaaat	cagtgatctg	ttattttaact	ctaaagcatt	tgacacttct	tgctttaaca	180
gttttaaaaa	ccacacacaa	aaaaactctg	taagtaatac	agtaggcaa	aagtttcatc	240
ctatctatct	tgagttttac	ctatctgatc	tgatctctgt	aattatagtt	ctgtcattta	300
aaatatacta	tttaaatcta	atttttacct	ttcaaaaatt	atcttcagta	gtaactaagt	360
atattttctg	tggattctga	gaatgttatt	tttcagaatg	tgagaatata	tatgtacatt	420
tataatcttg	tgacttttaa	gtctgttttc	agatacagta	tgtaaatact	tgtaaaaaaa	480
tttgataaat	tttgatgata	tgtagtttcc	caaaaaaatt	atttagaagg	cattatgtta	540
ttagtaaatg	agagcactgt	atagaactgt	tcctattttc	tgactttgcc	attccagctg	600
cctccactgt	ccatacccac	ctcattcatc	ctgtcacaga	aggcaggaaa	actgggaact	660
ttaccaaagt	agcactcagc	ctgagaggcc	tgtataatca	tgcttttcaa	actaaattca	720
cttaaaaatt	aaaaagcaga	attgaatatt	ttaagcagcc	tcagtacctt	tggccaatgc	780
tgttttcatg	gtggattatg	aacattatat	aatctttggg	aaaagtgaag	gtagtacaat	840
ttttagaata	atgacaactg	cctcactgca	tctctccact	cacacagcaa	ccgtgtagcc	900
ccctaagctg	cagtaccatg	actaaccatg	atgtcaattt	catatgctga	tcctcacaac	960
agcagtgcac	aaacatgccc	caaatatttt	aacagaattt	agctcttcct	taagctgtct	1020
tttcatagta	aaaacaaaac	aaaaacaccc	aatgttaaaa	ccacataata	aacttacaaa	1080
cttgaaaaat	tagacacttc	agatagatag	gcaataaaaac	ttcatattat	gaaagcaata	1140
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ccggtcttgt	acattgagtg	ttaaaccctac	aatgttttgg	atgatagaag	ggacattcca	1380
tcttcttaca	agcagggaag	taacggcaga	gctgactact	ggaagggtgt	gctgggtgtg	1440
caactgctgg	ttttggagac	agtactggaa	ttcttctact	cacatgagtg	aagggaacaat	1500
ctgggttagt	acactttgca	tcataattac	aatttgggtg	aacaaacaaa	catttttcag	1560
caaattttaca	attgggggaag	gctttgcagg	gtgagatggg	gtgatggtag	gcacactcat	1620
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ccacactcag	ttcactcatc	tcagcggttag	aaaagctacc	atttgggtcc	tcaagctgcc	1740
tgctcagcaa	gtgcaactgc	tgtgggtgga	ggagacctct	gagtccttgc	tttgaggctg	1800
cagtttggtt	tacgggtttc	attccttcaa	agcacatgtc	ctcctcttga	tctgacatgt	1860
atcctggggg	gctgggggaca	ccatccagcg	tcactataaaa	cttggggactt	gcagggtttat	1920
ctggttgtac	aagatctcgt	gtctgcataa	ggtgtcctga	aagtaccoga	aggga	1976

<210> 8160  
 <211> 3629  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (97)...(3030)  
 <223> similar to gi3300094 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

09480735-043400

<400> 8160  
 ccggctcgac ggctcgggtca ccgcctcgct gtcgtcgcgg cgcccccggc cgtcctctgt 60  
 ccgtaccgcc cccggagcca gggccgagtc ctgccatgc cggcccggcg gctgctgctg 120  
 ctgctgacgc tgctgctgcc cggcctcggg atttttggaa gtaccagcac agtgacgctt 180  
 cctgaaacct tgttgtttgt gtcaacgctg gatggaagtt tgcattgctgt cagcaagagg 240  
 acaggctcaa tcaaattggac tttaaaagaa gatccagtc tgcagggtccc aacacatgtg 300  
 gaagagcctg cctttctccc agatcctaata gatggcagcc tgtatacgct tgggaagcaag 360  
 aataatgaag gcctgacgaa acttcctttt accatcccag aattgggtaca ggcatcccca 420  
 tgccgaagtt cagatggaat cctctacatg ggtaaaaagc aggacatctg gtatgttatt 480  
 gacctcctga ccggagagaa gcagcagact ttgtcatcgg cctttgcaga tagtctctgc 540  
 ccatcaacct ctcttctgta tcttgggcga acagaataca ccatcaccat gtacgacacc 600  
 aaaacccgag agctccggtg gaatgccacc tactttgact atgcggcctc actgcctgag 660  
 gacgacgtgg actacaagat gtcccacttt gtgtccaatg gtgatgggct ggtggtgact 720  
 gtggacagtg aatctgggga cgtcctgtgg atccaaaact acgcctcccc tgtggtggcc 780  
 ttttatgtct ggcagcggga gggctctgagg aaggtgatgc acatcaatgt cgctgtggag 840  
 accctgcgct atctgacctt catgtctggg gaggtggggc gcatcacaaa gtggaagtac 900  
 ccgttcccca aggagacaga ggccaagagc aagctgacgc ccaactctgta tgttgggaaa 960  
 tactctacca gcctctatgc ctctccctca atggtacacg agggggttgc tgtcgtgccc 1020  
 cgcggcagca cacttccttt gctggaaggg cccagactg atggcgtcac catcggggac 1080  
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 aagaacaagc tcaactactt gaggaattac tggcttctga taggacacca tgaaaccca 1200  
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 cagacttcag aaaacgcacc taccaccgtg tctcgggatg tggaggagaa gcccgcccat 1380  
 gccctgccc ggcccgaggc ccccgaggac tccatgctta aggacatggc taccatcatc 1440  
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 catcagcagc agcagctcca gcaccagcag ttccagaagg aactggagaa gatccagctc 1560  
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 gcagaccgtg aggtccagct gttgcgagaa tcggatgagc acccgaaagt gatccgctac 1980  
 ttctgcacgg agaaggaccg gcaattccag tacattgcca tcgagctgtg tgcagccacc 2040  
 ctgcaagagt atgtggagca gaaggacttt gcgcattctc gcctggagcc catcaccttg 2100  
 ctgcagcaga ccacctcggg cctggcccac ctccactccc tcaacatcgt tcacagagac 2160  
 ctaaagccac acaacatcct catatccatg ccaatgcac acggcaagat caaggccatg 2220  
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 gagaacccta cctacacggt ggacatcttt tctgcaggct gcgtctttta ctacgtggtc 2400



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atagagaaga	tgattgcgat	ggatcctcag	aaacgcccct	cagcgaacga	cgtgctcaaa	2580
cacccgttct	tctggagcct	agagaagcag	ctccagttct	tccaggacgt	gagcgacaga	2640
atagaaaagg	aatccctgga	tggcccgatc	gtgaagcagt	tagagagagg	cgggagagcc	2700
gtggtgaaga	tggactggcg	ggagaacatc	actgaccccc	tccagacaga	cctgcgtaaa	2760
ttcaggacct	ataaagggtg	ttctgtcaga	gatctcctcc	gagccatgag	aaataagaag	2820
caccactacc	gggagctgcc	tgcagagggt	cgggagacgc	tggggaccct	ccccgacgac	2880
ttcgtgtgct	acttcacgtc	tcgcttcccc	cacctcctcg	cacacaccta	ccgggccatg	2940
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cagcccccag	tgactccaga	cgccctctga	gcgagggcgg	cccctctgtt	ctggtggccc	3060
cagctgtgac	tgagggcctg	gtcaccacaa	ttagagcttg	atgcctcccg	gctttgcagg	3120
gagaccaggc	ttcccaaacc	aagtgccttg	agctgcctgc	tctgcagccc	acagaggaca	3180
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gctggcccca	aaagccttac	ggtcatgatg	tctgcaaagg	agggcctcag	agacagcgcg	3300
agtagcacc	ccagccatct	actggataaa	cttgcttcag	actttttaaa	ttcctgctta	3360
atgtcagctc	acaggccttt	caggaaggga	gaggagggaa	tcgtacattt	tgcttgctgt	3420
ctgggacagc	taggctgaga	tgcaccaagt	acagccttca	ctggagaccg	gaattgagag	3480
gtgggggatg	ctgaggagg	ggaggacgga	gttcagagg	tgctgtcctg	cagtatgaga	3540
tttctcattg	atcacagatg	tgcccagagt	agcccaggtc	actgttaact	agtgtttctg	3600
cagaggcagc	aggagccagc	ccggaattc				3629

<210> 8161

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (276)...(752)

<223> similar to gi5817244 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8161

tttcgtgccg	cgggctctgt	agctgagtgg	tggctgggta	tggaggcgaa	ggcggcaccc	60
aagccagctg	caagcggcgc	gtgctcgggtg	tcggcagagg	agaccgaaaa	gtggatggag	120
gaggcgatgc	acatgatact	atgctatgca	cagtgttttc	atgtgggcca	tgttataagc	180
cccacagaag	ccctatcagc	catgagtggg	agcttcctga	ggccctcact	ggaagcagat	240
gctgatacca	tacttcttgt	acagtctgga	gaactgccaa	agaagccctc	gaaaataactg	300
aagttcctgt	tggctgtctt	atgggtctaca	acaatgaagt	tgtagggaag	gggagaaatg	360
aagttaacca	aacccaaaaat	gctactcgac	atgcagaaat	ggtggccatc	gatcagggtcc	420
tcgattgggtg	tcgtcaaagt	ggcaagagtc	cctctgaagt	atttgaacac	actgtgttgt	480
atgtcactgt	ggagccgtgc	attatgtgtg	cagctgctct	ccgcctgatg	aaaatcccgc	540
tggttgtata	tggctgtcag	aatgaacgat	ttggtgggtg	tggctctgtt	ctaaatattg	600
cctctgctga	cctaccaaac	actgggagac	catttcagtg	tatccctgga	tatcgggctg	660
aggaagcagt	ggaaatgtta	aagaccttct	acaaacaaga	aaatccaaat	gcacccaaaat	720
cgaaagtctg	gaaaaaggaa	tgtcagcaga	tcttgaacat	gttctgatga	aagaaccaag	780
tgacccaaag	tgacctggac	aagattcata	gactgaaagc	tgttgacatc	gttgaatcat	840
atgtttatat	attgttttta	atctgcagga	aaatggggtc	tctcatcatt	tgctctgtaa	900
gggaacaaaa	tagcactttt					920

<210> 8162  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (743)...(369)  
 <223> similar to gi3876766 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8162

tttttttttt	ttcacagcca	catatatgtt	tattctgcga	gtccgtgtcc	cacagtctga	60
gactcttctt	cccctcccct	tcccgccccg	tgaagtggcc	cggggccgag	ccccgcctcc	120
atcttggtc	agccaattcc	caccagttt	ccaggagtct	catttgcat	tccgggagca	180
gctgtccaat	gggaaggcag	caccctgccc	ccccccaca	gggggcggca	ctcctgggtg	240
atcgaccac	tcttgggatc	cagggatggg	gggaacgggc	ttccactgag	gtccgggtga	300
caggaggggtg	gtcttccctc	aaggcaggg	tggagttcag	tggaggagg	agttctggcc	360
ttggaagagg	cccagcagtc	cgctgtctgg	ggcgggctcc	ttgatgagtt	tctggatctc	420
cttgaactgg	gggtggacgg	catcgcccac	aagctgcaga	atgagccctt	cgctggtgga	480
gaggaaggca	ccactctgtc	tcatgcgggc	cagagccacc	agccggtcca	cctggctgcg	540
tgaggagcag	gcgtccacca	ccacatggac	ctgcagcccc	cgggtctagga	ggtccagggt	600
cgtgttcttg	agcatgcggg	cagccactga	gacgatctgt	gggaagtagg	cgatgttgtg	660
gcggaacttc	tcctgcatgt	cacacaggaa	caggacagag	gatcctggga	ggactcggcc	720
caggctgggc	ctggcagccg	ccattttccg	gaaggtgccg	ggttcgagcc	cggaacggcc	780
cctctgcagg	tgaggcgggg	gcaccctcac	ctctcggcgc	tcggacggcc	accgctgagg	840
cctcttgcg	gcttcccagg					860

<210> 8163  
 <211> 4670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(1054)  
 <223> similar to gi4589544 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8163

tttcgtctgg	aacccacgcg	gaggaaggaa	gagacgcagg	caggctgcgg	ttacccaagc	60
ggccacccgg	gcctcaggga	ccccttcccc	gagagacggc	accatgaccc	agggaaagct	120

ctccgtggct	aacaaggccc	ctgggaccga	ggggcagcag	caggtgcatg	gcgagaagaa	180
ggaggctcca	gcagtgccct	cagccccacc	ctcctatgag	gaagccacct	ctggggaggg	240
gatgaaggca	ggggccttcc	ccccagcccc	cacagcgggt	cctctccacc	ctagctgggc	300
ctatgtggac	cccagcagca	gctccagcta	tgacaacggt	ttccccaccg	gagaccatga	360
gctcttcacc	actttcagct	gggatgacca	gaaagttcgt	cgagtctttg	tcagaaaggt	420
ctacaccatc	ctgctgattc	agctgctggg	gaccttggtc	gtcgtggctc	tctttacttt	480
ctgtgaccct	gtcaaggact	atgtccaggc	caaccaggc	tggtactggg	catcatatgc	540
tgtgttcttt	gcaacctacc	tgaccctggc	ttgtctgtct	ggaccaggga	ggcatttccc	600
ctggaacctg	atttctcctga	ccgtctttac	cctgtccatg	gcctacctca	ctgggatgct	660
gtccagctac	tacaacacca	cctccgtgct	gctgtgcctg	ggcatcacgg	cccttgctctg	720
cctctcagtc	accgtcttca	gcttccagac	caagttcgac	ttcacctcct	gccagggcgt	780
gctcttcgtg	cttctcatga	ctcttttctt	cagcggactc	atcctggcca	tcctcctacc	840
cttccaatat	gtgccctggc	tccatgcagt	ttatgcagca	ctgggagcgg	gtgtatttac	900
attgttcctg	gcacttgaca	cccagttgct	gatgggtaac	cgacgccact	cgctgagccc	960
tgaggagtat	atTTTTggag	ccctcaacat	ttacctagac	atcatctata	tcttcacctt	1020
cttctctgag	ctttttggca	ctaaccgaga	atgaggagcc	ctccctgccc	caccgtcctc	1080
cagagaatgc	gccccctctg	gttccctgtc	cctccccctg	gctcctgcga	gaccagatat	1140
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ctctgccgct	tgtacatatg	ccatggggac	cctgaggaac	tgaggccacg	tcaatccctg	1260
tgccgccccca	ttcgcccgtt	acatcttcca	aactgggacg	gtcaaggctg	aaggctcctc	1320
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gagaccagag	aagcccggca	gagccctgag	ccccactgca	attcctccta	gggctgcaca	1440
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ccaggctcagg	cattgacact	ttgtaagaaa	gggggtaggg	gacacagctg	ggcagggtgga	1560
gtgggtgggc	aggatggctg	tcccagctctg	cccatcttct	cttggctctg	ggaccagcgg	1620
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ccgtctgctg	cttgtctgtga	atggccctcc	cgggtcatga	cagagctctt	ttggggcagg	1740
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aagt tactgt	gtggatacag	gaaggctctg	agtggatagc	aggacctcc	cttggcttcg	2520
ccctctctct	ctctctcccc	tgtgctggga	gctccgtctg	ccttgggaag	ggagacgagg	2580
tgtgctgttc	cttcccagcc	ccatccctcc	ccaccttcc	tactcccagc	tttcaagaaa	2640
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cccacctcc	tccacctcct	ctcctccggg	cccctcagtt	tcctctcctc	atctctggcc	3360
tcagttccag	agggttagcc	ccagcacc	actctcctgc	cactgtcaga	tagccttggt	3420
catgcttcc	agaatctact	tgtccaagtt	ctcctctccc	tgggataagt	tactgcagaa	3480
actggggatt	tagaagctta	ttcagggctg	agtgccaaaa	gcttggggga	ggagggacag	3540

```

gtcctcggca ataaacagtg tcacacacgc atcacagcca tttgagaaat ggcttctttg 3600
cagagctggg gaagccgggc agaagatgcc gcagcctcct actctgggtc ctgagggggg 3660
gtggcaggta ccacagtgtg ggcagcaggg tcagggccca agtctatgcg tttcatctcc 3720
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ggaacaggaa tgcaagatta aggaaaccgc agctgagcag gtgtcacaag ctgtaaagga 3840
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gtgggctgga ttttgtaaag ctggaggcag ccaggaatct gactgtccgg aatgtgagtt 3960
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acgagtctgg gactcattcc cgggcacacc tatggctcct tcggtatcac ctggggaagc 4080
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ggctggagggt tgggggcagg atctggcccg agctctcctc agacctcccc agacctgtct 4380
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taccctctcc caagccctcc ctgagccgtt ctctgagtc cctgagggca gacacagctc 4500
cagggaccca ggccagctgc cacacccccg aactctctgc tgtccactgg ccttagctcc 4560
tgcaagtcc ccagtgtccg cactgttcc ctccctgac ctacacttcc tggggtctgt 4620
gactgactgg agataaaaat aaaagcaatt gtgacacctg aaaaaaaaaa 4670

```

```

<210> 8164
<211> 2624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (340)...(1443)
<223> similar to gi3036840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8164
cgctctctcc aaagtctagc cgggcagggg aacgcggtgc attcctgacc ggcacctggc 60
gaggctcatg cgtcccgtga gggcggttcc tcgagcctgg gggcgctcag attgcttttg 120
agacgctgag agaacccttg cgagagcgcc ggttgacgtg cgagtgccg ggctccgggg 180
gactgagcag cacgagaccc catctctccc tccgggtttt cacactgggc gaagggagga 240
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aggcgcccta agcaacagag ttctgagaaa tcgagaaaca tgataaggaa ttggctgact 360
athttttatcc tttttcccct gaagctcgta gagaaatgtg agtcaagcgt cagcctcact 420
gttctctctg tcgtaaagct ggagaacggc agctcgacca acgtcagcct caccctgcgg 480
ccaccattaa atgcaaccct ggtgatcact tttgaaatca catttcgttc caaaaatatt 540
actatccttg agctccccga tgaagttgtg gtgcctcctg gactgacaaa ctctcttttt 600
caagtgcacat ctcaaatgt tggacaactt actgtttatc tacatggaaa tcaactccat 660
cagaccggcc cgaggatacg ctttcttgtg atccgcagca gcgccattag catcataaac 720
caggtgattg gctggatcta ctttgtggcc tgggtccatct ctttctaccc tcaggtgatc 780
atgaattgga ggcggaaaag tgtcattggt ctgagcttcg acttcgtggc tctgaacctg 840
acgggcttcg tggcctacag tgtattcaac atcggcctcc tctgggtgcc ctacatcaag 900
gagcagtttc tctcaaata ccccaacgga gtgaaccccg tgaacagcaa cgacgtcttc 960
ttcagcctgc acgcggttgt cctcacgctg atcatcatcg tgcagtgtg cctgtatgag 1020
cgcggtggcc agcgcggtgc ctggcctgcc atcggcctcc tgggtgctcg gtggctcttc 1080

```

```
gcatttgtca ccatgatcgt ggctgcagtg ggagtgatca cgtggctgca gtttctcttc 1140
tgcttctcct acatcaagct cgcagtcacg ctgggtcaagt attttccaca ggctacatg 1200
aacttttact acaaaagcac tgagggctgg agcattggca acgtgctcct ggacttcacc 1260
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accagcgaa ggccggagaa gcggttgggc cctggcacac agggctggct cagtgtgcgg 1560
acagaggaga ccactctgct cctggggcca gaggccattc aatagcctgc cttcgtccgg 1620
gcccctcctg ggccctcccg gccaggcacg tggcaccgtc gccttgacac cgccatctct 1680
tttctttaag gcttcaggca gcgcgcacag gctctggcag ccgtctcagg caggactggg 1740
cagcaagctt gcagccgaag gccttgcccc aaactaccag cgtttctgca agcagcttga 1800
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acataactca gcgtccgtga ctgcagtaac agccagccct acccagagta tttctgagcc 2040
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ctcctttcag attttttgga gggacgtttg gaagtggctt actctcttct gccctctctc 2160
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tacttgagac cacctcacac aatctgtatg gggcccaacc ctgatctcaa acctccttcc 2460
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cctcatacat gacttgagct tggcagtcct ctgagtttcc ttttatgaga tcaacgcgag 2580
gggcctgggt tttgaattaa agccccctcg cttcaaaaaa aaaa 2624
```

<210> 8165  
<211> 1544  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1545)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (301)...(1296)  
<223> similar to gi3256005 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8165
cacgcgtccg tttaatgaag catggaatac agaaaacaac aaaaaactta agctttaatt 60
tcatctggaa ttccacagag acaaggccac tttatgtttc ccaggctgga ctggaacccc 120
tgggctcaaa tgatcctcct acctaagcct gcagagtagc gaggacttca gttttcttag 180
ctccctggac ccggttgacc tgttggctct tcccgtggc tgctctatca cgtgggtgctc 240
tccgactact caccctcaggt gtaaagaacc ttccggctcgc gtgcttctga gctgctgtgg 300
atggcctcgg ctctctggac tgtccttccg agtaggatgt cactgagatc cctcaaatgg 360
```

```

agcctcctgc tgctgtcact cctgagtttc tttgtgatgt ggtacctcag ccttccccac 420
tacaatgtga tagaacgcgt gaactggatg tacttctatg agtatgagcc gatttacaga 480
caagactttc acttcacact tcgagagcat tcaaactgct ctcatcaaaa tccatttctg 540
gtcatttctgg tgacctccca cccttcagat gtgaaagcca ggcaggccat tagagttact 600
tggggtgaaa aaaagtcttg gtggggatat gaggttctta catttttctt attaggccaa 660
gaggctgaaa aggaagacaa aatgttggca ttgtccttag aggatgaaca ccttctttat 720
ggtgacataa tccgacaaga ttttttagac acatataata acctgacctt gaaaaccatt 780
atggcattca ggtgggtaac tgagttttgc cccaatgcca agtacgtaat gaagacagac 840
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gagaagtttt tcacaggtta tcctctaatt gataattatt cctatagagg attttacca 960
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aaacccatca agtttgaaga tgtttatgtc gggatctgtt tgaatttatt aaaagtgaac 1140
attcatattc cagaagacac aaatcttttc tttctatata gaatccattt ggatgtctgt 1200
caactgagac gtgtgattgc agcccatggc ttttcttcca aggagatcat cactttttgg 1260
caggtcatgc taaggaacac cacatgccat tattaacttc acattctaca aaaagcctag 1320
aaggacagga tactttgtgg aaagtgttaa ataaagtagg tactgtggaa aattcatggg 1380
gaggtcagtg tgctggctta cactgaactg aaactcatga aaaaccaga ctggagactg 1440
gagggttaca cttgtgattt attagtcagg cccttcaaag atgatatgtg gaggaattaa 1500
atataaagga attggaggtt tttgctaaag aaattntata gggg 1544

```

```

<210> 8166
<211> 7086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (484)...(7087)
<223> similar to gi4128033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8166
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gcagggcagg gcggggagct ccgcgcacca acagagccgg ttctcagggc gctttgctcc 120
ttgttttttc cccggttctg ttttctcccc ttctccggaa ggcttgtcaa ggggtaggag 180
aaagagacgc aaacacaaaa gtggaaaaca gttaatgacc agccacggcg tccctgctgt 240
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agacaaacat gtcagctgct gctggaagtg gcctggcctc tatttatctt cctgatcctg 420
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tatgta						7086

<210> 8167  
 <211> 1883  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (396)...(1718)  
 <223> similar to gi431321 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8167

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ggattccact	gatatgacgt	acctggagtc	agcagagcca	cagagacaga	tggtaaaatg	360
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cctggaggcc	tggaaaaaaa	aaa				1883

<210> 8168  
 <211> 1144  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (103)...(653)  
 <223> similar to gi35863 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8168
agctgaggaa ggggaagaga agtccagccg ccaagtccag ccttccccgg cgcgagccc      60
cgacggggcc gcggcaggcg cggcgagagc gctgacggag ccatgagaga gtacaaagtg    120
gtggtgctgg gctcggggcg cgtgggcaag tccgcgctca ccgtgcagtt cgtgacgggc    180
tccttcatcg agaagtacga cccgaccatc gaagactttt accgcaagga gattgaggtg    240
gactcgtcgc cgtcgggtgct ggagatcctg gatacggcgg gcaccgagca gttcgcgtcc    300
atgcgggacc tgtacatcaa gaacggccag ggcttcatcc tggctctacag cctcgtcaac    360
cagcagagct tccaggacat caagcccatg cgggaccaga tcatccgcgt gaagcggtac    420
gagcgcgtgc ccatgatcct ggtgggcaac aaggtggacc tggaggggtga gcgcgaggtc    480
tcgtacgggg agggcaaggc cctggctgag gagtggagct gcccttcat ggagacgtcg    540
gccaaaaaca aagcctcggg agacgagcta tttgccgaga tcgtgcggca gatgaactac    600
gcggcgcgag ccaacggcga tgagggctgc tgctcggcct gcgtgaccc ctgaggcggc    660
caccgcgcgc cgcccgcgct ctgcgcacaa aagccaaacg catccgactc tctaaatgtg    720
atattatttct tgctttgaga ttggagacca ctttgcattg gccaggggtgt cttgggagcc    780
cggctggcct ccgcggccgg cgtcccctgc ctccaccctg tgcccagagg ggtgtccggt    840
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gacacccacc aagcaaaaagt ttcagcctgg aaaaaaatg ggggggaagg gtggatgaaa   1020
aggaggggaga gaaggtggaa atggtttttt tttttctttt ttcccattcc cttccttttg   1080
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gggc                                         1144

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<210> 8169
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (525)...(104)
<223> similar to gi2494140 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8169
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ccattgtggg gatataattt attttggaat tttctccatt cagcttaaaa ggtgttttctt    120
cccaagaaac tgaacttttc tgtcaaatgc acttgatcga ataggagaat tgggttcata    180
aaatggattc attgaaaatt ttatatataa atcataaaca tcagtaaaga agttctttat    240
tccatcttct tgtcttatgt catgaagcat aataaacctc atatgccccg cggtgacaaa    300
tgctgacaca aaccactcgt tgaacttgtc cacagttttc aagtacatgt tgttcgacag    360
ccacatgttc tcatctacga ggtcgagagc agcatgagct atgaactggg tcagatgacg    420
atggtcgtct ttggattctg ccttcccagc tggcaaaaac tccatttcaa aaactggatt    480
atcatggtga ccaacaatta caaagtagaa gttccagac atggtcttca atatatggct    540
cctcgggttc ttcggcgggg actccgcaag tccagccagg gaagagaggg gcgggggcga    600
caaaggcaag acaaggacac cgccgtcccc agtccttgtc agctgagctt ctgccactgt    660
cagttgtgcc tgtgtcacta ccgcctctgc gtacaaggaa ccaagccgct tctcgcgctt    720
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cagagaaaat                                     790

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<210> 8170  
 <211> 1783  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1705)...(270)  
 <223> similar to gi5114351 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8170  
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 attatattta gaatttgaga aacccccctg tgtgtctaata ggctgccagg gtgatgccag 180  
 agaaccctgg caggtggcct gcagtaagca gaaggccac accttctgca gagccaggag 240  
 cagtgcccgga gtcccccggt ctgtgtctat cctttcaccc acatgggtcac tgtggagatg 300  
 accatctgac cagacttcgg agcccccagg cagaagaaag gctgcagggg gcctgggaag 360  
 gtggcctggg agtaggtgtg caggtgggac ccacgcctta cactgtagaa ggacacttcc 420  
 ccggcttcga agtccaggaa gatgcccattg tggctgggag gctccatcag catgaccggg 480  
 gttagggcag agaaggtgga taagtacttg gtccccttgg acagctgcac caccagaag 540  
 ccgttttcgg ggcaacttgg gacctgtctt ttccggctca cgttgtccct gcacacaccc 600  
 agggcccaca acgcgtcccc ggtgatgttc atgcccacct cccagtagtg cctcccagag 660  
 gagaaggccg tctggcccac agcacagggg taagccacaa atcggtcctt gctgcagaac 720  
 cactgcccct ccggcgaaga gccgaggtag cgctctggc ggctctcata caggaggagg 780  
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 ggcccctgtg tgcctccgctc ctccagctgc agcagcagca gctccagaga gtgaccctgc 1020  
 cggtcacaggc aggccacgct ctcccggagc ctgctggcag tctcctcttc ttccgtctcc 1080  
 agagcctgga ggagcctctg ctcttcttcc accaggtaga ggttcatctt ctcaaaactcc 1140  
 agcacaatgc gttctctccg ctcttccacc ttgccctgcc actcggttaa gctctgctcc 1200  
 tccctggcct gcagattccc tgccttggtg atctgctccc gaaggtaact catgtcctcc 1260  
 tccagcttca acttgtaacc ctgcactgcc tctcggcgcg gcagcaccct gtgcagccgg 1320  
 tgctcccggg actccctgca caccacacag atggggctct ggtccttctg gcagaaaagc 1380  
 ttgaggggct cgtgggtgctc ctggcacagg tcttgcttct gcagaccagg atgctgctgc 1440  
 gccatctcgg ccaccttggg cagcagccgg ttgggcagca ggttcctctg cggggacatc 1500  
 tctctgcaact cggggcaggg gaaggagccc ttccgcttcc gcctcccctt cttgccctc 1560  
 gccttttccc agctcagctg gatgcaggct cggcagaagt tgtggccaca ggtgggtcatc 1620  
 acagggtctg tgaagtaatc cagacagatg gagcacgtag cttcctcctg cagttttctg 1680  
 gcgagttcca cagcctccat ggctcctggg agacacgagg caggttcccg cttgagggac 1740  
 tcttggtgaa gcgcgctagc ccctccaggg acgcggcacg aaa 1783

<210> 8171  
 <211> 1331

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (347)...(472)  
 <223> similar to gi1296429 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8171

tttcgtgcc	gggagccgca	ggcaaggac	taaggggagg	ggggctcagt	gccagctgct	60
taaaaatgcc	cctgtggcag	cgaggggcac	cagaggctgg	gtctaattag	ttgagaagca	120
gtgacacccc	caaccactcc	ccaaacaggc	tggctcccg	ctccaggccc	caaggagcca	180
cacctggacc	agaccccagg	aaaggcaagg	gcgctagctg	gtgggagcca	ccccgccatg	240
ctgatgtcag	agaagcaaga	actctggaga	agcagcctcc	tgggaccaga	ggagggccag	300
cagcaggcag	cccgagagca	gaactctcac	ccacgcctct	ccaagcctcc	caacagaaga	360
cagagggtccc	ccacagccag	agacatttcc	tgaagacatg	gggaacacag	aggcagaaac	420
agcccatcca	cccaggagct	gtccccccaca	ctgccgggag	ccggcaccca	gagccgccag	480
gtaaaactga	ggccacctgg	ttcaacatca	cctttcacag	aagggggaagc	agccacagaa	540
agaagggcct	cgtaagaag	tggaacctgg	gacccccaa	cggtgtctct	catcctgact	600
ggggatccag	agtaggagg	agcctttggt	ggggtaagt	gaatggggcg	gggtgggggg	660
tggccataga	ccctcttct	cagtaaggcc	ctcatgtgaa	ggaggcagg	gttgggacaa	720
gtgctaagta	tgcaagactc	aagggaagag	ctgctggagc	caggaaaagc	acctccctcc	780
cggccctct	gcccctctc	atagcccagc	tgcactgact	cctcctccag	gaagccttct	840
cagcttcccc	aggggtggga	acctttttgt	cctccagggt	tgcttggtg	tcctttcttg	900
ggctctctct	ctctctctct	cctcatccca	cttgagtctg	ccccctattc	accttgtag	960
gggaattttc	cttctactca	atctgaccga	ggtcctccag	gtcaaggaca	gagaggctct	1020
cagtccact	tccccttggc	acatagaaga	ggcagtgcgc	tgaagggaca	ggtgaaatga	1080
ttagaccctg	cccccaaacc	aaggcctggc	caattggaca	gggcatgaga	cattcagcgt	1140
agagggttaa	acgagggccc	tgggttagga	accccagctc	agttctcagc	tctgtaccct	1200
tggaaaattc	ccttcccatg	gagctttgtg	gatgcacaag	gacttgcaca	aagaaaacat	1260
tcaatatcca	ggactataaa	attccacaaa	tgattgtgct	tattacattc	attatcacga	1320
tgattattcc	a					1331

<210> 8172  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (145)...(1124)  
 <223> similar to gi4836936 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8172

gatttcgtgg	gcagctgttc	ccactggctc	tgctgacctt	gtgccttgga	cggctgtcct	60
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cagcgagggg ccggtgcaccc gctcctgagc agcgccatgg gcttgcctgg cttcctgaag 120
accagttcg tgctgcacct gctggtcggc tttgtcttcg tggtagtggt tctgggtcatc 180
aacttcgtcc agctgtgcac gctggcgctc tggccgggtca gcaagcagct ctaccgccgc 240
ctcaactgcc gcctgcgcta ctactcttg agccaactgg tcatgctgct ggagtgggtg 300
tcttgacagg agtgtagact gttcacaggc caggccacgg tagagcgctt tgggaaggag 360
cacgcagtca tcactctcaa ccacaacttc gagatcgact tcctctgtgg gtggaccatg 420
tgtgagcgct tcggagtgtc ggggagctcc aaggtcctcg ctaagaagga gctgctctac 480
gtgcccccca tcggctggac gtggtacttt ctggagattg tgttctgcaa gcggaagtgg 540
gaggaggacc gggacaccgt ggtcgaaggg ctgaggcgcc tgcggacta ccccgagtac 600
atgtggtttc tcctgtactg cgaggggacg cgcttcacgg agaccaagca ccgcgttagc 660
atggaggtgg cggctgctaa ggggcttctc gtcctcaagt accacctgct gccgcggacc 720
aagggttcca ccaccgcagt caagtgcctc cgggggacag tcgcagctgt ctatgatgta 780
accctgaact tcagaggaaa caagaacctc tccttgctgg ggatcctcta cgggaagaag 840
tacgaggcgg acatgtgcgt gaggagattt cctctggaag acatcccgtt ggatgaaaag 900
gaagcagctc agtggttcca taaactgtac caggagaagg acgcgctcca ggagatatat 960
aatcagaagg gcatgtttcc aggggagcag ttttagcctg cccggaggcc gtggaccctc 1020
ctgaacttcc tgtcctgggc caccattctc ctgtctcccc tcttcagttt tgtcttgggc 1080
gtctttgcca gcggatcacc tctcctgac ctgactttct tggggtttgt gggagcaggt 1140
aatggacact gtcgctaaca gctcacactc tgacgggcct cacagtatca gccacagggt 1200
ccgggacctg gtgactcatc acagtggctg tgggaggcag gggcctggct gttatggacc 1260
ctggagccag gatcccccca cggcctgcgg gcctaagagc ccaaaagcag acaggggggc 1320
tggggaccct ctcggggacc ctctcgtcgg catcctcaag ggcgccagcc agtggggctg 1380
cagtggggat ggcgccaggt ggcggcgggt cggtctctct gggaggcgac cctcagctca 1440
gtgcaagaat ccaggctctg aagcccgcag gccgtggggg gatcctggct ccagggtcca 1500
taacagccag gccctgcct cccacagcca ctgtgatgag tcaccagggt ccggaccctg 1560
tggctgatac tgtgaggacc gtcagagtgt gagctgttag cgacagtgtc ca 1612

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```

<210> 8173
<211> 2701
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2362)...(1425)
<223> similar to gi3252824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8173
tttttttttt ttaaaagtgt ttattttttg caataaagag cacaacataa tctccttcat 60
gcgtcatcgt gccacttagc tgagccagcc agctctgcct ccctcccaa agacctttgg 120
accacagttc ccctctacag gctagctcat ccctctgggt ggtcattccc cgggtcacgt 180
tgagagcgag gctgactgca ccacctccct agctcaaggg ctcttttggg aggggcccgc 240
tgcttttatca tcctcctgcc acaactcaaa tagtggttat ttacaagaag gtctgttccc 300
acaaatcagg accctaaagt attaaaaaac aaaacccaaa aaacaacaaa aaacccaca 360
caacaaaaag tttgacgtga atagaaagat agcccttctg catggttagtc aacaaatacc 420
agcactagaa aatcaattgc ttttaattgc ttgcagcagg gaggctcagc accatgtggg 480
gaggaggaaa tgggaagggt ttggtttcag agtgcttttg gctggccaga ggggtggcaa 540
acagggcaag ggggctccct ctgcttgggc attgtccacc cctggtcagt gagagggggg 600
cagcaggggt gctccccacg gcagtcctgc tgcggccttc cctcctggcc tattcctggg 660

```

```

gcaggaacaa gctccagcct tctccacat ggctgaggta atcagcacc ctaccccagg 720
ggcatcttcc cagcctacaa agcaggaagg agcctgtgca gaagttacat tttaaaacca 780
gattttcacc tgaggcgtca accagatgtc acctctgctt aaaactccaa ctgcaaggct 840
ggcaagcagc acagaggaag tgcagatcct tctgtgtgca ctccaggccc agaggaactg 900
agaagccacc tgctgttccg gcccttgggc tgtttgggaa aagccagcag tcagagtgcc 960
agcctcaagc tctgattatc cccctcctgt ggccctggta gttcaagcag gtcctggcag 1020
caggagggtc gtgccatgga ggatggacac gactgcactc atactcaaaa acagccttga 1080
ccgtggcctg gtcattggat taaaaaattt gtgtgtattg gtggggaagg atggggtgag 1140
ggtgagggga tctcattgat acagagtatg tcataagcca tatatattaa aatcattaac 1200
agtatatagt cccacggtag ctccaacccc tcacacatgc tcagggtggtg tggccagccc 1260
tttgccctcag tccagcctca tccttggggg caaggagggg gcagcttgct ccctttctcc 1320
aggctcttgg ccgacagccc cctgaggctg tccacggtag actgcagcca gcccgcagc 1380
aggcagcccc cagcagtcac cgggtgctcg cagcactgtg gtcactggga tggggtcttg 1440
gcctcactgc tgtccccctg gctgggcttt ggcttttagca ggatgaatct gttgaggagg 1500
tctgtttccg agctggcctg ggctgcccc taacctcac cagcatagct ggaggcttcg 1560
gcgatgttct ggggaaccagt gatgtggtgc cagtaggcac tgcgcggcag catggtcgtg 1620
ggtgtgcagg gatacagagta atgttccgtg cccttgttca gcagcctcac gttcttctcc 1680
atttccagca ggacccgctt gtgctgctct gcgatggcca ggggtggcact gtggacgcgc 1740
tggtaaatct gctccccctc ttgtgtctgg aaggatataga gtccttcccc agcatcacac 1800
atccggccag cctcgaaggt aaagcgtgtg gcatcccgcc catagcggcg cagtgcagcag 1860
agggggccacg agacgagctt cacacggggg ttgtggatgt cccagaggta gatgttctcg 1920
tggtgatct gcagcttgca ctgcacatac acgtccaggt tggggcaggg cagcaggaag 1980
acattgaagc gatctgtctg ttcacactgc acccctgggg ccaggagggtc aggttctccc 2040
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tctgcctcta gctctgagtc gcagggtgaag gtacgtgccg agtcatcagt gaatatgatg 2160
gccaccgct gccgcttggg ctccctgggg agccgcgtaa cacacttgac gttgctgatc 2220
tcagtcacct tggggcagcc ccggaggcac accgacttct catctggata cttctccagc 2280
cgctggggcc ccttgctgga ggatttccgg aacaccagcc agcacctccg gtagatcccg 2340
agcttctctg tcttcatctt cacgtagcct tgcttgacga tgtcactgaa attggtcgcc 2400
atggttttcc caccttttag gggcgcgggg cctggcagag gcgaggggaa ggatgcccg 2460
gtgcctgggt ctccggtccc tccaatcacc tgttccagac actctgtcgg ggctgccgcg 2520
aggggctgct cctcacctca ccgcctcag cattgttcta gcagctcctt cgccccgcgc 2580
ctgctggaaa taaaaatgac agggagatta gagacagtga catctttctc ttcctctcgc 2640
tgtctcgctc tcttttttcc ttctcttcc cacactctc ctctccccct cttccacgaa 2700
a

```

<210> 8174

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (716)...(278)

<223> similar to gi5532294 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8174

```

tttttttttt ttgagagtga caaaaagggt tatttctgtg cttctcgcag cattaggcag 60
gggataaaac ttggagagaa gggccttggg gtggagggtg agggactcct gtgggcttca 120

```

```

ctctggtagg aggagagcat cagggcaggc ctttaggctg ttgctctggg caggggggtgg 180
gggtgcgggg gcttacagtg ggggccctta gttggcacag gttcgggaagg gccccaggca 240
gacatgaatt ctctgagac ttgaggtagg ttgcttcagc cagcccgggc ggagaagaag 300
ggcagagagc gaacatagga gtccagtcgg gagcgaaaga gctcactttg cacagtttg 360
cccagcgggc acaggggatt cttcaccacc agctccacat acagcgcact gtagatgtgg 420
tgcagcacat ctcggtatgg tcccacgccc aagtcagtat tcatgacaac tttgatccca 480
gtgggcgtct cgtagtaatg gagtttgtaa cggctagttt ggaaggccag gaagccatcc 540
ttcatgtcta gcggggacat cttgctgaca aacgagcggg tagagaagag catcccgtac 600
atcagcttat actcctcctc cttgggaatc cctgcttgct tcttgcggtg ccattcgctg 660
tagtgcagac acactccatt ccggtcaaac aggtacaggt tgtggacagt catctgcagg 720
gcagggagtg tgagcctcgc tccggggccg ccccactcc ttgggctcgg gttcccggac 780
ccacagcctt ccaaccaggt ggggacccca cccacg 816

```

```

<210> 8175
<211> 2262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (174)...(1347)
<223> similar to gil857445 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8175
tttcgtgcc tgcgccacgc ttggcagaga ggggaagcggg aggacacgac cccagggcat 60
tgtgggaaca ctggccaggc tggactttgc ctctcctcctc gtccttttagc cgggagcctg 120
tctttgcttg cctttgcctt tgaggctctg tggctgtggg gctgagtggc atcatggcgg 180
ctcagaaaga tctctgggac gccattgtga ttggggcggg gatccagggc tgcttcactg 240
cataccacct ggccaaacac aggaagagga tcctcctgct ggagcagttc tttctaccac 300
actcccaggg aagctcccat ggacaaagcc ggataatccg aaaggcgtac ctggaagact 360
tttacacccg gatgatgcat gagtgtatc agatatgggc ccagctggag cacgaggtg 420
gaacccaatt gcacaggcag actggattac tgctgtcggg aatgaaagag aatcaagaat 480
taaagacaat ccaggccaat ctgtcgaggc agagggtaga acaccagtgt ctttcatctg 540
aggaactgaa gcaacgtttc ccaaattatc ggttgcccag gggagaagtg gggctcttgg 600
acaattccgg aggagttatc tatgcatata aggcctcag agccctgcag gatgcaattc 660
gacagctagg aggcatagtg cgtgacggag agaaggtggt ggagataaac ccagggttac 720
tggtcacggg gaaaaccacc tccaggagct accaagctaa gagcttggtc atcacagcag 780
gtccttggac caaccagctc ctccgtcccc tgggcattga gatgcctctc cagaccctgc 840
ggatcaacgt gtgttactgg cgagagatgg ttccctgggag ctatggtgtg tcccaggcct 900
ttccgtgctt cctgtggctg ggcttgtgtc cccaccacat ctacggactg cccacaggag 960
agtaccaggg gctgatgaag gtcagctatc accacggcaa ccacgcagac cctgaggagc 1020
gggactgccc cacagcacgc acagacatcg gagacgtcca gatcctgagc agctttgtca 1080
gagatcactt acctgatctg aagcccagag ctgctgtcat tgagagctgc atgtacacga 1140
atacccctga tgagcagttc attctcgatc gccacccaaa gtatgacaac attgtcattg 1200
gtgctggatt ctctgggcac ggggttcaagc tggcccctgt ggtggggaag atcctgtatg 1260
aattaagcat gaaattaaca ccatcttatg acttggcacc ttttcgaatc agccgtttcc 1320
caagcctggg caaagcccac ctttgacctc tggccagaag cctcccttct gtgcacagga 1380
gccagtttca cagatggaga agatgtctca gatgaaggga gtgtccctga gatatcatcc 1440
ttttcttctg cctcgccctga atccccata aacaccagat gattgagtct accttctttc 1500

```

```

cttggcccg c tccctttttc ttctgcctca cttgaatccc ccgtaaacac cagacgattg 1560
agtctacctt cttttcttgg ccacctcccc attcacaact actttctcgc tcccagaagg 1620
ttgatcagat attctacaat cacagagtag caaggacggt tgagatgggt atatcagtaa 1680
gaagaggggca caagaactgg ctctgggagac caaagcaggt gttaaaaatt ctctttgctg 1740
ggggccgggt gtggtggctc acacctgtaa tctcggcact ttgggggggct gagacaggcg 1800
gatcacctga ggccaggaat tcaagaccag cctggccaac atggtgaaac cctatctcca 1860
ctaaaaatac aaaattagct ggggtgtggtg gcgcatgcct gtaatcccag ctacttgga 1920
gactgaggca agagaatcac ttgaacccgg gaggtggagg tggcagtga ccgagattgc 1980
gccattgcac tccagcctgg gcaaaaagag tgagactctg tctcaaaaaa aaaacaaaac 2040
aaaaaaaacc tctttgctgg tatatttgaa gagcttgga tggatttgac taaatctgcc 2100
ccgaggaggg tgaacaaggt gatctcagag atcactactg ctcttgaggt tccttctcct 2160
aaagctaagg ccagcctcca tcacaaatgc ccataaaatc tggctcgtct ttgatgaaca 2220
ataaatattt gttgaacaaa taaataactg ccctgcaaaa aa 2262

```

```

<210> 8176
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (142)...(551)
<223> similar to gil086497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8176
tttcgtggcc gaacgcctat ctccggcgga gagcgcggtt gtgcccagta tcccatcccc 60
gcgacccccg cgcgctccgg agagaacagg actatgcccg gggctgggga cggaggcaaa 120
gccccggcga gatggctggg cactgggctt ttgggcctct tctgctccc cgtaaccctg 180
tcgctggagg tgtctgtggg aaaggccacc gacatctacg ctgtcaatgg cacggagatc 240
ctgctgccct gcaccttctc cagctgcttt ggcttcgagg acctccactt ccggtggacc 300
tacaacagca gtgacgcatt caagattctc atagagggga ctgtgaagaa tgagaagtct 360
gacccaagg tgacgttgaa agacgatgac cgcatactc tggtaggctc tactaaggag 420
aagaggaaca acatttccat tgtgctgagg gacctggagt tcagcgacac gggcaaatac 480
acctgccatg tgaagaacct caaggagaat aatctccagc accacgccac catctttctt 540
caagtcgttg atagacgtat gcagtagggg ctggcacagg gcagtggcgt ggggaaggact 600
tgaggaggcac ccaactcagc atcacagtga aatggcaaaa tggaccgtgt tggggttttc 660
ttttgcttta cactttccag agctgctgga gttacatcta aaagctagaa gagctcagct 720
tgaacactta ttctgctacc aaatagctta tgaaatactc ttagcctctc tc 772

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```

<210> 8177
<211> 1038
<212> DNA
<213> Homo sapiens

<220>

```



<221> misc\_feature  
 <222> (164)...(575)  
 <223> similar to gi2970559 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8177  
 tttcgtgtgc ggcgtctccg cctgatagga gttgtagttc tgcgggtgaa gctcggcggtt 60  
 actatcaagc aaccaaactg caagctttgg gagttgttcg ctgtccctgc cctgctctgc 120  
 tagggagaga acgccagagg gaggcggctg gcccgggcggc aggcctctcag aaccgctacc 180  
 ggcgatgcta ctgctgtggg tgctcgggtgt cgcagccttg gcgctggcgg tactggcccc 240  
 cggagcaggg gagcagaggc ggagagcagc caaagcggcc aatgtgggtgc tggtcgtgag 300  
 cgactccttc gatggaaggt taacatttca tccaggaagt caggtagtga aacttccttt 360  
 tatcaacttt atgaagacac gtgggacttc ctttctgaat gcctacacaa actctccaat 420  
 ttgttgccca tcacgcgcag caatgtggag tggcctcttc actcacttaa cagaatcttg 480  
 gaataathtt aagggctctag atccaaatta tacaacatgg atggatgtca tggagaggca 540  
 tggctaccga acacagaaat ttgggaaact ggactatact tcaggacatc actccattag 600  
 gcacagtga cgtgggtcaa ctaatcaaag aagtgaaaaa gtttgagaaa gtaatcgtgt 660  
 ggaagcgtgg acaagagatg ttgctttctt actcagacaa gaaggcaggc cccatgggtta 720  
 atcttatccg taacaggact aaagtcagag tgatggaaag ggattggcag aatacagaca 780  
 aagcagtaaa ctggttaaga aaggaagcaa ttaattacac tgaaccattt gttatttact 840  
 tgggattaaa ttaccacac ccttaccctt caccatcttc tggagaaaat tttggatctt 900  
 caacatttca cacatctctt tattggcttg aaaaagtgtc tcatgatgcc atcaaaatcc 960  
 caaagtgggc acctttgtca gaaatgcacc ctgtagatta ttactcttct tatacaaaaa 1020  
 actgcactgg aagattta 1038

<210> 8178  
 <211> 1575  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (201)...(882)  
 <223> similar to gi4530587 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8178  
 tttcgtcccg cgcgccgact ttgccatcgg cggggcagtc gcgggatgcg cccgggagcc 60  
 acagcctgag gccctcaggt ctctgcaggt gtcgtggagg aacctagcac ctgccatcct 120  
 cttccccaat ttgccacttc cagcagcttt agcccatgag gaggatgtga cggggactga 180  
 gtcaggagcc ctctggaagc atggagactg tgggtgattgt tgccatagggt gtgctggcca 240  
 ccatctttct ggtctcggtt gcagccttgg tgctgggttg caggcagcgc tactgccggc 300  
 cgcgagacct gctgcagcgc tatgattcta agccattgt ggacctcatt ggtgccatgg 360  
 agaccagtc tgagccctct gagttagaac tggacgatgt cgttatcacc aacccccaca 420  
 ttgaggccat tctggagaat gaagactgga tcgaagatgc ctcggtcttc atgtccact 480  
 gcattgccat cttgaagatt tgtcacactc tgacagagaa gcttggttgc atgacaatgg 540  
 gctctggggc caagatgaag acttcagcca gtgtcagcga catcattgtg gtggccaagc 600

ggatcagccc	caggggtggat	gatgttgtga	agtcgatgta	ccctccgttg	gaccccaaac	660
tcctggacgc	acggacgact	gccctgctcc	tgtctgtcag	tcacctggtg	ctggtgacaa	720
ggaatgcctg	ccatctgacg	ggaggcctgg	actggattga	ccagtctctg	tcggctgctg	780
aggagcattt	ggaagtcctt	cgagaagcag	ccctagcttc	tgagccagat	aaaggcctcc	840
caggccctga	aggcttcctg	caggagcagt	ctgcaattta	gtgcctacag	gccagcagct	900
agccatgaag	gcccctgccg	ccatccctgg	atggctcagc	ttagccttct	actttttcct	960
atagagttag	ttgttctcca	cggctggaga	gttcagctgt	gtgtgcatag	taaagcagga	1020
gatccccgtc	agtttatgcc	tcttttgca	ttgcaaactg	tggctggtga	gtggcagtct	1080
aatactacag	ttaggggaga	tgccattcac	tctctgcaag	aggagtattg	aaaactggtg	1140
gactgtcagc	tttatttagc	tcacctagt	ttttcaagaa	aattgagcca	ccgtctaaga	1200
aatcaagagg	tttcacatta	aaattagaat	ttctggcctc	tctcgatcgg	tcagaatgtg	1260
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ctggtccctg	aggcgtctgg	gtctctcctc	tcccttgca	gtttgggttt	gaagctgagg	1440
aactacaaag	ttgatgattt	cttttttatc	tttatgcctg	caattttacc	tagctaccac	1500
taggtggata	gtaaatttat	acttatgttt	caaaaaaaaa	tcatacaact	tgtagttcct	1560
cagcttcagt	cgacg					1575

<210> 8179

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (234)...(637)

<223> similar to gi4406698 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8179

tttcgtggcc	ggtcggaccg	ccaaggcagc	cggcgctggc	gatgggaagc	ggcgtggccg	60
ccgacacagg	cagtggcaaa	gtttcccaga	cgtacacatc	tggacgcgcg	gctgccggct	120
acccgtagcc	cctctaggaa	gggttcagg	atttttaatt	tggaaaaaaaa	tccacctggt	180
ttcctttgtc	aaggtctctc	cgggtggcca	gcggcaggag	ctgcaaactt	gggcacggcg	240
gctacaccgg	cagcggaccg	ggctttggag	aacctcggga	ctcaggtgct	gaggtgccca	300
gcggctccgg	acgtgctacg	gggtgcgagc	gcgggggagt	tcggggcgca	cgacaaggaa	360
ggggccccgg	gagctctata	tggaggaagg	agcccagaat	ggtgtgcacc	aggaagacca	420
aaactttggt	gtccacttgc	gtgatcctga	gcggcatgac	taacatcatc	tgcctgctct	480
acgtgggctg	ggtcaccaac	tacatcgcca	gcgtgtatgt	gcggggggcag	gagccggcgc	540
ccgacaagaa	gctggaggaa	gacaaagggg	acactctgaa	gattattgag	cggctggacc	600
acctggagaa	tgtcatcaag	cagcacattc	aagaggctcc	tgccaagcct	gaggaggcag	660
aggccgagcc	cttcacagac	tctctctgt	ttgcacactg	gggccaggag	ctcagccccg	720
aaggccggcg	cgtggccctg	aagcaattcc	agtactacgg	ctacaacgcc	tacctcagcg	780
accgcctgcc	cctggaccgg	cccct				805

<210> 8180

<211> 3484  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (304)...(3395)  
 <223> similar to gi3559925 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8180

gacggaccgg	tctggaattc	tcgggtcgac	gatttcgtcc	ggaggtttcg	attagttgtc	60
tctgccgctg	gggaaggtaa	tgcggcgacg	gogtccctcag	gagctgtggg	gtcccttgc	120
agaagtgggg	gactcggcgg	gggagtcatt	taatacttca	tgattagaac	aaatatgtga	180
aagttccac	caaccagtga	gaatttcttc	cttcagacgg	ttttggatct	tactgcacag	240
ctttctgaga	agttcttttg	gtgccatgtt	ttgtggcttg	catcaaaaga	ggagtttgtc	300
ttcatgaaga	ttcctaacat	tggtaatgtg	atgaataaat	ttgagatcct	tggggttgta	360
ggtgaaggag	cctatggagt	tgtacttaaa	tgcagacaca	aggaaacaca	tgaaattgtg	420
gcgatcaaga	aattcaagga	cagtgaagaa	aatgaagaag	tcaaagaaac	gccttttacga	480
gagcttaaaa	tgcttcggac	tctcaagcag	gaaaacattg	tggagttgaa	ggaagcattt	540
cgtcggaggg	gaaagttgta	cttgggtgtt	gagtatgttg	aaaaaaatat	gctcgaattg	600
ctggaagaaa	tgccaaatgg	agttccacct	gagaaagtaa	aaagctacat	ctatcagcta	660
atcaaggcta	ttcactgggtg	ccataagaat	gatattgtcc	atcgagatat	aaagccagaa	720
aatctcttaa	tcagccacaa	tgatgtccta	aaactgtgtg	actttggttt	tgctcgtaat	780
ctgtcagaag	gcaataatgc	taattacaca	gagtacgttg	ccaccagatg	gtatcgggtcc	840
ccagaactct	tacttggcgc	tccctatgga	aagtccgtgg	acatgtgggc	ggtgggctgt	900
attcttgggg	agcttagcga	tggacagcct	ttatttctctg	gagaaagtga	aattgaccaa	960
ctttttacta	ttcagaaggt	gctaggacca	cttccatctg	agcagatgaa	gcttttctac	1020
agtaatcctc	gcttccatgg	gctccggttt	ccagctgtta	accatcctca	gtccttgga	1080
agaagatacc	ttggaatttt	gaatagtgtt	ctacttgacc	taatgaagaa	tttactgaag	1140
ttggacccag	ctgacagata	cttgacagaa	cagtgtttga	atcacctac	atttcaaacc	1200
cagagacttc	tggatcggtc	tccttcaagg	tcagcaaaaa	gaaaacctta	ccatgtggaa	1260
agcagcacat	tgtctaatag	aaaccaagcc	ggcaaaaagta	ctgctttgca	gtctcaccac	1320
agatctaaca	gcaaggacat	ccagaacctg	agtgtaggcc	tgccccgggc	tgacgaaggt	1380
ctccctgcca	atgaaagctt	cctaaatgga	aaccttgctg	gagctagtct	tagtccactg	1440
cacaccaaaa	cctaccaagc	aagcagccag	cctgggtcta	ccagcaaaga	tctcaccaac	1500
aacaacatac	cacaccttct	tagcccaaaa	gaagccaagt	caaaaacaga	gtttgatattt	1560
aattattgacc	caaagccttc	agaaggccca	gggacaaagt	acctcaagtc	aaacagcaga	1620
tctcagcaga	accgccactc	attcatggaa	agctctcaaa	gcaaagctgg	gacactgcag	1680
cccaatgaaa	agcagagtcg	gcatagctat	attgacacaa	ttccccagtc	ctctaggagt	1740
ccctcctaca	ggaccaaggc	caaaagccat	ggggcactga	gtgactccaa	gtctgtgagc	1800
aacctttctg	aagccagggc	ccaaattgcg	gagcccagta	ccagtaggta	cttcccatct	1860
agctgcttag	acttgaattc	tcccaccagc	ccaacccccca	ccagacacag	tgacacgaga	1920
actttgctca	gcccttctg	aagaaataac	cgaaatgagg	gaacgctgga	ctcacgtcga	1980
accacaacca	gacattctaa	gacgatggag	gaattgaagc	tgccggagca	catggacagt	2040
agccattccc	attcactgtc	tgcacctcac	gaatcttttt	cttatggact	gggctacacc	2100
agcccccttt	cttcccagca	acgtcctcat	aggcattcta	tgtatgtgac	ccgtgacaaa	2160
gtgagagcca	agggcttgga	tggaaagctt	agcatagggc	aagggatggc	agctagagcc	2220
aacagcctgc	aactcttgtc	accccagcct	ggagaacagc	tccctccaga	gatgactgtg	2280
gcaagatctt	cggtaaaga	gacctccaga	gaaggcacct	cttccttcca	tacacgccag	2340
aagtctgagg	gtggagtgtg	tcatgaccca	cactctgatg	atggcacagc	cccaaagaa	2400
aatagacacc	tatacaatga	tctgtgcca	aggagagttg	gtagctttta	cagagtgcc	2460
tctccacgtc	cagacaattc	tttccatgaa	aataatgtgt	caactagagt	ttcttctcta	2520
ccatcagaga	gcagttctgg	aaccaaccac	tcaaaaagac	aaccagcatt	cgatccatgg	2580

09453725"043100

aaaagtcctg	aaaatattag	tcattcagag	caactcaagg	aaaaagagaa	gcaaggattt	2640
ttcaggtcaa	tgaaaaagaa	aaagaagaaa	tctcaaacag	tacccaattc	cgacagccct	2700
gatcttctga	cgttgcagaa	atccattcat	tctgctagca	ctccaagcag	cagaccaaag	2760
gagtggcgcc	ccgagaagat	ctcagatctg	cagacccaaa	gccagccatt	aaaatcactg	2820
cgcaagttgt	tacatctctc	ttcggcctca	aatcaccggy	cttcctcaga	tccccgcttc	2880
cagcccttaa	cagctcaaca	aacccaaaaat	tccttctcag	aaattcggat	tcacccccctg	2940
agccaggcct	ctggcgggag	cagcaacatc	cggcaggaac	ccgcaccgaa	gggcaggcca	3000
gccctccagc	tgccagacgg	tggatgtgat	ggcagaagac	agagacacca	ttctggaccc	3060
caagatagac	gcttcatgtt	aaggacgaca	gaacaacaag	gagaatactt	ctgctgtggt	3120
gacccaaaga	agcctcacac	tccgtgcgtc	ccaaaccgag	cccttcatcg	tccaatctcc	3180
agtcctgctc	cctatccagt	actccaggtc	cgaggcactt	ccatgtgccc	gacactccag	3240
gtccgaggca	ctgatgcttt	cagctgccc	acccagcaat	ccgggttctc	tttcttcgtg	3300
agacacgtta	tgagggaagc	cctgattcac	agggcccgag	taaaccaagc	tgcgctcctg	3360
acataccatg	agaatgcggc	actgacgggc	aagtgacttc	tgcaagcctg	cggtgtgtcc	3420
caatgccctg	aatcacctct	ctcatggaag	aaccaattaa	caccaatgaa	tcaaccatta	3480
aaaa						3484

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<210> 8181
<211> 2089
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(1188)
<223> similar to gi563886 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8181						
tttcgtatcc	ggtgcctcct	gcagcccgcc	tgctgggcag	ggccggcgcg	gccccggccat	60
ggagtcctac	gacatcatcg	ccaaccagcc	tgtgggtcatc	gacaacgggtt	cggggggtgat	120
taaagctggc	tttgcaggag	accagattcc	caaatactgt	ttcccaaact	atgtcggggcg	180
gccgaagcac	atgcgggtga	tggttgagac	cctggagggg	gacctcttca	tcggacaaaa	240
agcagaggag	caccgggggc	tgctgacct	ccgtacccc	atggagcacg	gcgtggtgcg	300
agactggaac	gacatggaac	gcatctggca	gtacgtctac	tccaaggatc	agctgcagac	360
cttctcggag	gagcatcctg	tgctcctcac	ggaggccccg	ctcaaccoga	gtaagaaccg	420
ggagaaggcg	gcagaggtgt	tctttgagac	cttcaacgtg	ccggccctgt	tcatctccat	480
gcaggctgtg	ctcagtctgt	acgcaacagg	acgcacgaca	ggagtgggttc	tagactcagg	540
ggacggggtc	actcatgctg	tgcccatcta	tgagggtctt	gccatgcctc	actccatcat	600
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cacgttgcca	gacggcagca	cgcttgatgt	ggggcctgca	cgattccggg	cccccgagct	840
gctgttccag	ccggaccttg	tgggggatga	gagtgagggg	ctccatgagg	tggtggcctt	900
cgccatacac	aagtccgaca	tggacctgcg	ccggacgctg	ttcgccaaca	tcgtgtcttc	960
aggtggctca	acgtttttca	aaggtctcgg	agaccgatta	ctcagtgaag	tgaagaagct	1020
tgccccaaag	gatatcaaaa	tcaagatctc	agccccgcag	gaacggctgt	actccacatg	1080
gattggcggc	tccatcctgg	cctcgctgga	cacttttaag	aagatgtggg	tgtccaaaaa	1140
ggagtatgaa	gaggatggct	cccgctgtat	tcatcgcaaa	acttttctagt	gcccaggag	1200
ggcggggcat	gttgggagag	ggggagggag	gggagacaga	gcctttaacc	ctttttggtc	1260

ttggctcgta	tactaggctt	aggggtcccct	gcatgccctg	aaccctggg	tgggtggcac	1320
agcagtgcc	cctgcagcc	ttcccctcta	cacaggacat	gcacacacaa	gtaacattga	1380
gctgcatgga	caggagcctt	gagctggcgt	gtgggaattg	agcgccatgt	caggctgttg	1440
tgggtatccc	cctggcaggg	ccagctaggc	ctgtggttcc	ctgctccgac	tctcagggct	1500
gcctccctga	gctccagggc	cagaatgcct	ggatgcctgg	gtagccagtt	tggggagtgg	1560
gctgcaaggg	gcagccagca	gctcccactg	gtgtgtcact	gcatccattg	ccacctcctg	1620
ttcgtgacct	gacaggggtga	cacagcccct	ttcacactct	gtcctcctat	cttcctgggt	1680
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cccaggggtca	ggcccttcag	agccagggca	gaggacgcac	ggtggctaga	gccgctgcac	1800
tatccttttc	agagcacttc	atccacttgc	tcctccctct	accctcgga	ccctgggtgg	1860
gaaaggggttg	atgctcatca	tttattgagg	ggaagccact	taataaggag	tcagacctaa	1920
aaggggggtgg	gggacatttt	cttacctcac	ccaagaaaaga	ggtcgtcact	tttgctgtgg	1980
ccagggtccc	acctccctct	ctcagatatg	tacaataatt	taacacgggt	gcctgaaaaa	2040
aacttttgta	aatcattata	gtaataatta	tggacaagga	aaaaaaaaa		2089

<210> 8182  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (671)...(568)  
 <223> similar to gi3098289 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8182	
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agataccaaa	cagctgggtgc acagctttgc tgagggccag gaccagggca gcgcctatgc 120
caaccgcacg	gccctcttcc cggacctgct ggcacagggc aacgcatccc tgaggctgca 180
gcgcgtgcgt	gtggcggaag agggcagctt cacctgcttc gtgagcatcc gggatttcgg 240
cagcgtgccc	gtcagcctgc aggtggccgc tccctactcg aagcccagca tgaccctgga 300
gccaacaag	gacctgcggc caggggacac ggtgaccatc acgtgctcca gctaccaggg 360
ctaccctgag	gctgaggtgt tctggcagga tgggcagggt gtgcccctga ctggcaacgt 420
gaccacgtcg	cagatggcca acgagcaggc cttgtttgat gtgcacagca tcctgcggtg 480
ggtgctgggt	gcaaatggca cctacagctg cctggtgcgc aaccccggtc tgcagcagga 540
tgcgcacagc	tctgtcacca tcacacccca gagaagcccc acaggagccg tggaggtcca 600
ggtccctgag	gaccgggtgg tggccctagt gggcaccgat gccaccctgc gctgctcctt 660
ctcccccgag	cctggcttca gcctggcaca gctcaacctc atctggcagc tgacagacac 720
cagacagctg	gtgcacagtt tcaccgaagg ccgcg 755

<210> 8183  
 <211> 984  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (947)...(797)  
 <223> similar to gi3928928 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8183  
 ggggttttccc cctccccggt ttttaaaaac cgcggccggg aattttttttt gggggcccct 60  
 aaaaaaaaaa ttttctttcc ccccccggg attttaaatt ttttctttt aaaggccccc 120  
 ccctttttttt ttttttgac agaataagca atttattgca attgaattat ccaatgtggt 180  
 tgactgaata taaatatatt tattacaaaa tattccaggt aaaaattcgg agctgcttac 240  
 aagcttcttt agctttaagc tcattgcatt tcttcatgtc tagagcatgg gtgacgggct 300  
 caggtgtgcc tggcctgccc cgcagggtcc tccttctccg tctgcagtgg gtccactca 360  
 gtgaggacct ctgaggacac ctgagtgaac agatgggtccc agtcccagcc gacatcatcc 420  
 tgccaagaag ggtttcgctc ccggacttcc tgctccggcg cgagcacttt ggtgaggagt 480  
 ttgaggtcga tctcccatc cagtgtctga atggctgagt acttcatgag gtcattgtcc 540  
 aggtcacggg aggtcatcac ccgctttatc tggatgctgg gaggggctgc cacctgcaaa 600  
 acaaagtctt ctctctgtac ttctccaga tccggaatga taggaatatc tcctccataa 660  
 tctgatccat tcaggctctg tggctgagg cggaatctt ctatttcttc agaagccttc 720  
 ctctaaact tcgaagcctt cacggaatca cctgccagc ctccctgtcg gcagcgagg 780  
 aatttagcag aggaagtctc tccagtcaga gtcaaagagg aattcttgcc attgaggtga 840  
 ttctcggcct gcgctgactc ctgttgagct cggcgaccca tcttgccct ggaggtagcc 900  
 aagctgtagc gaagctctc gtccaagtcg agcaaatcct ccatctccgc ggccgacgaa 960  
 atcgtcgggc cgggaattcc gaca 984

<210> 8184  
 <211> 1344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1220)...(332)  
 <223> similar to gi4139266 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8184  
 tttttttttt ttcttgatac agggcctggc tactgttggc ccaggctgga gtgcagtgga 60  
 gtaatcatgg ctacactcag ctttgacctc cagggtcaa gtaatcctcc ctaatacggg 120  
 catttctctc atcgcttcag aaccgcggcc acaaccaaac attcagatgc ttattaaggc 180  
 aacaaaacaa gtgacagacg ggacaatttt tccaattcta gatctaattg attaggctat 240  
 gtctcatgag gagactgtac ttgacctcta agctagcatc tggaatacaa tcttccagcg 300  
 gcttagggaa ggtcgggtgat agtagtatcg tcaggatcaa ttccgaagtg cagcttgccg 360  
 tccttgccgg ctgccaggg catggagggt gaggtccact ttgccaccca gtctcctggt 420  
 ttgctaacca cgatgaggcc acctaaacct ttaacccttg acttcatata acccaacgat 480  
 aggtccgcag cctcttctac cgtctttcct tgttctatgt ggaacagggt gagtctagcc 540  
 aggttcacct tcaggatgct ttcccatgac cctgtggttg agacgggtcc gatgtcattg 600

tcggcataac	ctccagctcc	tagacacggt	gagtcccca	cgcgcccgac	cattttatta	660
acgataccgc	ctgtggaggt	tgcgtaggct	acattccctt	tgcagtccaa	ggcaacagca	720
cccacgggtc	ccaagttttt	ttgacaatct	gttttctgag	cacctttttc	atgcttctct	780
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cccatagctg	ctgcaaactg	cgctgcgcct	tggtcagtca	gaaagcaatg	aggtgtcttt	900
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cctgcagaca	ggtcttttcc	atccatgata	ctagcatcca	tttcaacctc	accattttgtg	1020
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ccctctacgg	catccacggc	gctcccggcc	tcccggagga	tgccgtagcc	cacggtggcg	1140
gctctgacca	tgccctgggtg	cactcgtctc	ttccgatcct	tggagatggg	accggctccg	1200
ccgcccgtgga	ccactacgat	gggattcatg	tccgcccagc	ccagggcacc	gcaggacgcg	1260
gacgccgaga	cctcaagctg	ggtcgagcca	gccccgcagc	cgcccgtac	cgccgctccc	1320
cgacgccggc	tccccacgcg	tccg				1344

<210> 8185  
 <211> 1708  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (715)...(1397)  
 <223> similar to gi4929649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tccacaaaca	aagagttgat
ctcttgtggt	accacaaggt
tctctgggta	atacatttaa
acaacagtaa	tctttcaaga
acaaatatgg	aagaactcaa
gaggaatata	tacaagatga
cacagagcga	gaaaaagaag
gaggaagcag	aaagtgaagg
tttccagtcc	ctaaggcatt
cagaaggtag	atcattttacg
cgtgaccaca	aagaaaagtt
tatggagaca	tgtatgaact
ggaaaaactt	taagtgaag
tggtatgcag	ttttgtgtgg
tatgggcacc	tcttcaagga
tttctatatt	acctcaaagg
aaaaaaatgg	ctgctactct
cacaatttcc	ttaaggctga
ttagcaaagt	gttatactga
gctttattgc	ttcctactgt
ataatgactt	ccttgaagag
gggtcaggac	gcgacggccg
tccgtccgcc	actgcgcgcc
gcgcagtga	cacagaaacg
atggtgggca	ctgctggaat
tgaagttacc	tgaatttctt
aaatacatga	tgaccaagga
agaagttaaa	cgaattactg
aagaagctat	tccaaagctg
ttcataagat	aagccctcag
cagcaacaag	taatagtcca
ctgacacaga	agaacagagt
ttaaatttaga	tgtccttctt
cggagagttt	tgaactactt
tgtggcgatt	tgctcgtgct
acacaagaaa	agaaacatta
tgaatggaca	ttgtcatctg
gtttacaaaa	caaaatcaac
aactttttacc	agagggaacc
caaaactgag	ctggattgag
caactgtaca	agaagcttta
ctaattcccaa	ttacatgtac
ctttgaagtt	ctgtaatttg
cacagaaaaga	gatgcaaaaa
gaatttactc	ttcaacaaat
cagatgtggt	

ctacaaaaat	ttaaataaat	caaagttgtg	cttttattat	ccttcatttt	tgatgtaagg	1500
gtattgtgct	tagatttgaa	ggtaaagcca	tgtttctgca	gaatgcattc	cactagtagc	1560
actacaaaaat	taattatggt	atttggagaa	tctatatact	ataatgtcaa	tacataatct	1620
ataaacatgt	atgctttata	tttttcttat	caataaactg	cagccttaag	aatattttctt	1680
taaataaaaat	attttaaacc	aataaaaa				1708

<210> 8186

<211> 1793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1556)...(1176)

<223> similar to gi4191272 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8186

tttttttatt	tttttttttc	ttttaaaatg	tgagttttta	acacttgaag	gatttcattc	60
ttaactctca	attatataat	tacaaaaaaa	atccaagttt	caggaaaaca	tacttaatcc	120
taacataaaa	ttcatgtcac	ttatcacaaa	gacagtcaag	tgtataaagg	agaaacaaaa	180
cagaagcagt	atttacaaat	ttaaactaca	tgagatgttg	tgaacaatct	tttgtaata	240
aacagcacgt	tacatacttt	tacatactac	atttcaaaaa	tgcatctgtg	aataatatga	300
taaagcgcgt	agtgttgaag	actttaaatt	aaatccaagg	tcatcatgtt	gaagacctga	360
aattaaattc	aagggtgtag	tgatgaaaaa	tttaaagtca	aggtcttagc	gataaagact	420
ttaaattcaa	agacagattg	tctaaggaca	aaccactagc	gttcaagttg	tttagtcaat	480
tagttctctg	tgagtacaaa	atattaggaa	tcactaaatg	gattagccta	attacaaatt	540
ttgatcattt	ctaaataact	cacaactgca	agaagtcttt	tcacagaatg	agtcacatag	600
tttctctcta	tccttgtgca	ggatatttta	atcccttatt	caaaacaggt	tccctctcca	660
tttctagatt	tttgtaagta	taaaatatatt	taaaacaaaag	gtatgtccgt	tccttagcta	720
gagaactatt	cttccactga	ctcctggaag	agaaaaaaa	gattcccatt	tcttcctcta	780
cctcaaaaac	acaaagcaaa	cccaaacaat	ccaattccta	atgtagtgct	acatagaacc	840
cagggcctga	aacaatattt	catgctagtt	ttcctgctat	atgcagagaa	caatttagtt	900
atttacatta	ttgagaaatc	tatttaacag	cctagaatca	tcctagtgtc	tccatcagca	960
gaaggcttgc	taaaaaaggc	gtgagcagcg	gcgtctgcga	atgggaacat	caaagactct	1020
cctccgtctc	tcctcttcac	catcttcac	tgattcatcc	atatctgctg	aatcatcatc	1080
ctcgtcttcc	tcctcttcct	cctcctcctc	ttcttccatc	tcttcataatt	catcaggacc	1140
cattttccaat	cgggctatag	acaccctgaa	tggttgacat	gccatatgga	atcgggggaat	1200
ggcaacatta	aagatcttgt	ctttaaagta	aagaaaatgg	aagggtataat	atccttccat	1260
gtatcctgat	gttgtagaga	atgtggtaca	gcttgtgtat	tcatataccc	gacctgggct	1320
gatgattgga	aattcaccaa	ctactccagg	tccttgaact	tcttccacgt	cacccttagc	1380
atttgttatt	ctccaatagc	gactgtccaa	ctgacaggcc	ttctcaggaa	gtgcatcttt	1440
tgacatttca	atcctgattc	ggatgttgaa	gaaatagtgg	ggtggatgta	cagagctaag	1500
ttctggcaga	aacgatgtgg	aaactgacac	agtaatatcc	ccagttgttg	ctacacattc	1560
tggatcgtga	acatatctga	aaatttggtc	tctgatgatg	gggaagccac	ctgatacaac	1620
atttttgaca	taagaggtaa	accagtcagt	aaaagtagca	cctataataa	acatgtcaat	1680
agcagctgga	tttcgagcca	tttggctctg	acattggtag	aaaacttcat	ttttgtttcg	1740
gccctctgca	gcttccactg	ctatgtactg	actcaaacca	gtatgtatgc	aaa	1793



<210> 8187  
 <211> 2342  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (90)...(1415)  
 <223> similar to gill154950 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8187

gcggccgcgt	ctgggggtggc	tcctcatccc	tcaatgccat	ggtctacgtc	cgggggacag	60
ccgaggacta	cgagcgctgg	cagcgccagg	gcgcccgcgg	ctgggactac	gcgcactgcc	120
tgccctactt	ccgcaaggcg	caggggccacg	agctggggcgc	cagccgggtac	cggggcgccg	180
atggcccgt	gcgggtgtcc	cggggcaaga	ccaaccaccc	gctgcactgc	gcattcctgg	240
aggccacgca	gcaggccggc	tacccgctca	ccgaggacat	gaatggcttc	cagcaggagg	300
gcttcggctg	gatggacatg	accatccatg	aaggcaaacg	gtggagcgca	gcctgtgcct	360
acctgcaccc	agcactgagc	cgcaccaacc	tcaaggccga	ggccgagacg	cttgtgagca	420
gggtgctatt	tgagggcacc	cgtgcagtgg	gcgtggagta	tgtcaagaat	ggccagagcc	480
acagggctta	tgccagcaag	gaggtgattc	tgagtggagg	tgccatcaac	tctccacagc	540
tgctcatgct	ctctggcatc	gggaatgctg	atgacctcaa	gaaactgggc	atccctgtgg	600
tgtgccacct	acctgggggt	ggccagaacc	tgcaagacca	cctggagatc	tacattcagc	660
aggcatgcac	ccgccctatc	accctccatt	cagcacagaa	gcccctgcgg	aagggtctgca	720
ttggtctgga	gtggctctgg	aaattcacag	gggaggggagc	cactgcccac	ctggaaacag	780
gtgggttcat	ccgcagccag	cctgggggtcc	cccaccggga	catccagttc	catttcctgc	840
catcccaagt	gattgaccac	gggcgggtcc	ccaccagca	ggaggcttac	caggtagcatg	900
tggggcccat	gcggggcacg	agtgtgggct	ggctcaaact	gagaagtgcc	aatccccaag	960
accaccctgt	gatccagccc	aactacttgt	caacagaaac	tgatattgag	gatttcctgc	1020
tgtgtgtgaa	gctcaccaga	gaaatttttg	cacaggaagc	cctggctccg	ttccgaggga	1080
aagagctcca	gccaggaagc	cacattcagt	cagataaaga	gatagatgcc	tttgtgcggg	1140
caaaagccga	cagcgccctac	caccctctgt	gcacctgtaa	gatgggcccag	ccctccgac	1200
ccactgccgt	ggtggatccg	cagacaaggg	tcctcgggggt	ggaaaacctc	agggtcgtcg	1260
atgcctccat	catgcctagc	atggtcagcg	gcaacctgaa	cgccccacac	atcatgatcg	1320
cagagaaggc	agctgacatt	atcaaggggc	agcctgcact	ctgggacaaa	gatgtccctg	1380
tctacaagcc	caggacgctg	gccacccagc	gctaagacag	ttgctgctgg	aggatgacca	1440
gggaagcccc	ctgataagcc	aagagggcca	gcacagccct	tgctcccagg	ctcctgcctg	1500
aaactatcta	gcacactagg	acccaggtgg	taccctactc	agtggctgag	aattggataa	1560
agtcttggga	aatgagacaa	gtactgggca	gtgaatccag	ctccttttcc	ccagcctttc	1620
cctgtggggc	atttggggaa	ggccagcatt	cagcctgaga	tgttcctccc	tgctcctggg	1680
agggacagaa	ggggaggatg	gttaactcct	gccgcatacct	ttttcttgtg	ttcacgtggc	1740
attctctaac	ccagggcagt	ggttccttcc	caggccatgc	acagaggctg	ggtgcctgcc	1800
agaccacagg	agggttcgcg	aagggaagggg	catcctcctt	cttgagctgc	aagcttttagc	1860
tgaggcagta	agtcacacag	tagttagttc	agcctgggct	ggcacataag	taagtcccca	1920
gtgtccctgt	tgagagggga	aagttgcctg	ctggttgaaa	aactggcttt	tcctttctcg	1980
ctgcctaatt	tactctcag	agtgaggcag	gtaactgggg	ctccactggg	tactctgag	2040
agggttgtgg	ctctggttct	tattaaacca	gggccagggtg	cagggctcac	acctgtaatc	2100
ccagcacttt	gggaaggta	cttgagctca	ggagttcaag	accagcctgg	gcaacatagt	2160
gagaccttgt	ctctggaaaa	caattagctg	ggcatgggtg	tacacacctg	tagtccagc	2220
tacttgggag	gctgaggcgg	gaggatggct	ttagcccagg	aggttgaggc	tcctgtgaac	2280
cctgatggca	ccactgcact	ccagcctggg	tgacagggtg	agaccctgtc	tcaaaaaaaaa	2340

<210> 8188  
 <211> 1346  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (428)...(1057)  
 <223> similar to gi4586109 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8188  
 ggggcccgtg cgactccgga gccggcgggg gggtccggtc cttccctgcg ccaccgcaca 60  
 ggacatctct ctggctgggg agcggcgggt agaccgcgcg agggcggtctg tgtccctcct 120  
 ccccgcggt cctcggtgcg tccgcacgcc cctcctcctc gggtccctcc ttcttctctc 180  
 cgcgcctctc cgcctccctcc ccgtctccgc aggcgcgagt gtgcggcccg cctccagctg 240  
 accggcctgg aatcccggt ccgagccccg gactcgcgtc cgcgcgcgcg cccgctcctt 300  
 cccctcccc cgcgcccgag ccccccgcg ccgcgcgcac cgtctcctca gagcgggtgcc 360  
 cgggcccagc cgcgcgccacc gctgcgcgcg ccgagctccg ccgcgcgcga gcaccatggg 420  
 agacgctggg agcgagcgca gcaaagcgcc cagcctgcgc cctcgctgtc cctgcggctt 480  
 ctgggggtcc agcaagacta tgaatctctg ttccaaatgc tttgctgatt ttcaaaagaa 540  
 acagccagac gatgattccg ctccaagtac aagtaacagc caatcagatt tgttttccga 600  
 agagaccacc agtgacaaca acaatacctc gataaccacg ccaactctta gtcccagcca 660  
 gcagccgctt ccgacagaac tgaatgtaac ttcaccgagt aaagaggagt gtgggccaatg 720  
 cacagacaca gctcatgtct cattaatcac accaacaaaa agatcctgtg gtacagattc 780  
 acagtctgag aatgaggctt caccagtaaa acggccacga ctacttgaga atacggaacg 840  
 gtccgaggaa accagtcgat ctaaacagaa gagtcgacgt cggtgcttcc agtgccaaac 900  
 caaactggag ctggtgcagc aggaattggg atcgtgtcgc tgcggttatg tgttctgtat 960  
 gttacatcgc ctccccgagc agcacgactg cacattcgac cacatgggccc gtggccggga 1020  
 ggaagccatc atgaaaatgg tgaagctgga ccggaaagtg gggcgctcct gccagcgcat 1080  
 cggggagggg tgctcctgaa ggccaggcat ggccaccacg tgacgctgtt cttagttcac 1140  
 taatgttagc cttatttagg acaaagtcag ccagacacct tgtactgggc acgcgtcaga 1200  
 ctgcagccag tccgtttcct ttctttagcc agccatcctg gtactgtagt ttaggggttg 1260  
 atggtggttg aaattgattt ctggctggtt actaagggtg ctgctagcca ttgtataaaa 1320  
 ttaaaacatg aagaataaaa aaaaaa 1346

<210> 8189  
 <211> 1554  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (70)...(934)

<223> similar to gi3191964 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8189

```
ctcctctcga gcgctcctcag cgcagccgcc gcccgcgag ccagcacgaa cgagcccagc 60
accggccgga tggagcgctc gcaacccgac agcatgcccc aggatttgtc agaggccctg 120
aaggaggcca ccaaggaggt gcacacccag gcagagaatg ctgagttcat gaggaacttt 180
cagaagggcc aggtgacccg agacggcttc aagctgggtga tggcctccct gtaccacatc 240
tatgtggccc tggagggagga gattgagcgc aacaaggaga gccagtcctt cgcccctgtc 300
tacttcccag aagagctgca ccgcaaggct gccctggagc aggacctggc cttctggtac 360
gggccccgct ggcaggaggt catcccctac acaccagcca tgcagcgcta tgtgaagcgg 420
ctccacgagg tggggcgcac agagcccag ctgctgggtg cccacgccta caccgctac 480
ctgggtgacc tgtctggggg ccagggtgctc aaaaagattg cccagaaaagc cctggacctg 540
cccagctctg gcgagggcct ggccttcttc accttcccca acattgccag tgccaccaag 600
ttcaagcagc tctaccgctc ccgcatgaac tccctggaga tgactcccgc agtcaggcag 660
aggggtgatag aagaggccaa gactgcgttc ctgctcaaca tccagctctt tgaggagtgt 720
caggagctgc tgacccatga caccaaggac cagagcccct cacgggcacc agggcttcgc 780
cagcgggcca gcaacaaagt gcaagattct gcccccggtg agactcccag agggaagccc 840
ccactcaaca cccgctccca ggctccgctt ctccgatggg tccttacact cagctttctg 900
gtggcgacag ttgctgtagg gctttatgcc atgtgaatgc aggcatgctg gctcccaggg 960
ccatgaactt tgtccggtgg aaggccttct ttctagagag ggaattctct tggctggctt 1020
ccttaccgtg ggcactgaag gctttcaggg cctccagccc tctcactgtg tccctctctc 1080
tggaaaggag gaaggagcct atggcatctt ccccaacgaa aagcacatcc aggcaatggc 1140
ctaaacttca gagggggcga agggatcagc cctgcccttc agcatcctca gttcctgcag 1200
cagagcctgg aagacaccct aatgtggcag ctgtctcaaa cctccaaaag cctgagttt 1260
caagtatcct tgttgacacg gccatgacca ctttccccgt gggccatggc aatttttaca 1320
caaacctgaa aagatgttgt gtcttgtgtt tttgtcttat tttgttgga gccactctgt 1380
tcctggctca gcctcaaag cagtattttt gttgtgttct gttgttttta tagcagggtt 1440
ggggtggttt ttgagccatg cgtgggtggg gagggaggtg tttaacggca ctgtggcctt 1500
ggtctaactt ttgtgtgaaa taataaaca cattgtctga tagtaaaaaa aaaa 1554
```

<210> 8190

<211> 1519

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(721)

<223> similar to gi5788109 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8190

```
aggagcgcaa aatggcgga cgcggagcc ccgtgcaactg tgtcgctgcc gcggccccc 60
ccgccaccgt ctcggagaaa gaaccgtttg gcaagctgca actctcctcc cgggacctc 120
cgggttctct gtccgccaag aagggtccgga ctgaggagaa gaaggcaccg cggagagtga 180
acggagaagg gggcagcggc gggaacagca ggcagctgca gccgccggca gcaccttcgc 240
```

```
ctcagagcta tggcagcccc gcgtcttggg gctttgcccc tctgtctgct gctccctccc 300
cgctctcttc tcggagcagt ttctctttct ccgctggcac ggccgttccc tcctcagcct 360
ccgcttcctt gtctcagccg gggccgcgca aactgctggt ccctcctacg ctgctgcacg 420
ctcagcctca ccatctctc ctgcccgcgc ccgcccgcgc tgcctcggct aacgccaagt 480
cgcgcagacc taaggagaag cgggagaagg agaggaggag gcacggtctc ggtggggccc 540
gagaggccgg cggggcctcc cgggaggaga acggggagggt gaagccgctg ccccgagata 600
aaatcaaaga caaaattaaa gagagagaca aagaaaaaga aagagaaaaa aagaaacata 660
aagtaatgaa tgagatcaag aaagagaatg gagaagtaaa gatttttgctg aaaagtggga 720
aggagaaacc aaaaacaaat atagaagact taaaaattaa aaaggtaaa aagaaaaaga 780
aaaagaaaca caaagagaat gaaaaacgga agcgtccgaa aatgtatagc aaatctattc 840
agaccatctg ctgaggattg ctaactgatg ttgaagatca agcagccaaa ggcctcctaa 900
atgataacat aaaaagattac gttgggaaga atttgatac caagaactat gattccaaaa 960
ttccagagaa cagtgaagtt ccatttgtct cattaaagga gccacgagtt cagaataacc 1020
tcaaaagggt ggacactttg gaattttaa aactcattca tatagagcac cagcctaagt 1080
gaggtgcatc ggttatccat tgcctacagt aacgaactct cccacctgtc tcctatgggg 1140
gatgggagag gtttgagaa gagtttgggt ggtctagggt ttcaagtgaat atgaaaactc 1200
tggcagcttt cctacgtgat ggggtattgt tccatggggc agctacttat ttacctgac 1260
tttttagact atttttcatt taattttccc caattcacc agtgaaaatg gagatattgg 1320
gaaagaaaga tatagagaca acgactatgt ccaattttca tgctcagagt ctactgtac 1380
tccagcctgg acgacagagt gagactccat ctcaaaaaa aagaaagaaa ttcatgataa 1440
tgctatcctc taggtgggaa ggagaaacca aaaacaaata tagaagactt acaaattaaa 1500
aaggtaaaaca aaaaaataa 1519
```

```
<210> 8191
<211> 3826
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (173)...(1224)
<223> similar to gi3550283 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8191
ccacgcgtcc ggggggtgctg ggcctggcgg gcaaactaag gctgcggacc gttgggcggt 60
tccgcggggc gttgtccgga gagctgcgag gccgggggttc ccagggttca cgccacactc 120
taggaagtgc ctgagctagt gagctggcca acgagctccg cgggctggga ccatgggctg 180
cttcttctcc aagagacgga aggctgacaa ggagtcgcgg cccgagaacg aggaggagcg 240
gccaaagcag tacagctggg atcagcgcca gaaggttgat ccaaaaagact acatgttcag 300
tggaactgaag gatgaaacag taggtcgctt acctgggacg gtagcaggac aacagtttct 360
cattcaagac tgtgagaact gtaacatcta tatttttgat cactctgcta cagttaccat 420
tgatgactgt actaactgca taatttttct gggaccctg aaaggcagcg tgtttttccg 480
gaattgcaga gattgcaagt gcacattagc ctgccaacaa ttctgtgtgc gagattgtag 540
aaagctggaa gtctttttgt gttgtgccac tcaacccatc attgagtctt cctcaaatat 600
caaatttgga tgttttcaat ggtactatcc tgaattagct ttccagttca aagatgcagg 660
gctaagtatc ttcgacaata catggagtaa cattcatgac ttacacctg tgtcaggaga 720
actcaactgg agccttcttc cagaagatgc tgtggttcag gactatgttc ctatacctac 780
taccgaagag ctcaaagctg ttcgtgtttc cacagaagcc aatagaagca ttgttccaat 840
atcccggggg cagagacaga agagcagcga tgaatcatgc ttagtggtat tatttgctgg 900
```

tgattacact	attgcaaagt	ccagaaaact	aattgatgag	atgggttgga	aaggcttttt	960
cctagttcag	acaaaggaag	tgtccatgaa	agctgaggat	gctcaaaggg	tttttcggga	1020
aaaagcacct	gacttccttc	ctcttctgaa	caaaggctct	gttattgcct	tggagtttaa	1080
tggggatggt	gctgtagaag	tatgtcaact	tattgtaaac	gagatattca	atgggaccaa	1140
gatgtttgta	tctgaaagca	aggagacggc	atctggagat	gtagacagct	tctacaactt	1200
tgctgatata	cagatgggaa	tatgaagtgc	aatgtggaac	caggacttgg	tattaagcct	1260
ttcccaactt	gtgaatatag	aatttgataa	tacacttttg	tgtatttagca	atgggtttta	1320
ctaagtctaa	aactttttaa	gtttattttt	taataaattg	ttgagtatta	catcattttac	1380
ttgaggttca	aaaataattc	attttaaatt	aagtagtttt	aatcagctta	aaagctattt	1440
aaccattttt	aataagcttg	cagttttggt	tctctgcata	tgatattcct	attagaaaac	1500
agaagtagct	aaaagtttat	tattttaatc	ctattttaaat	gttctttcaa	atctctaata	1560
atttaaaact	tcctcagtg	tccatgatac	tttttttgag	actccatatc	attgcttatt	1620
ttaccttttt	caattaagag	ggattttgta	ctagtcgata	aattagaatg	aacctatgca	1680
cattttttatg	tacacatatc	cagttatata	attgcttcct	agttgcatta	tatggcaaat	1740
gagattttgt	acatggagtt	gacataatac	tttgtaaatt	gaatttttta	aagaaatagg	1800
catttgataa	ccagcttggc	aagtaactct	actaacagat	gttggatatag	ctattttaag	1860
actacttcgt	aagtagtatg	attatttgaa	taaattacac	attgttttagt	tttttaatac	1920
aactgctata	tgactcttct	gcttcctgat	aagaaaaggt	atatgcaatg	ctaaaactgt	1980
agaagcccaa	tcaccagcag	tttttaaaaa	ggtgataact	tttattagct	cttgtgggct	2040
atcaagagaa	ttagaccaaa	cccttgtgac	ttttaggtaa	gaaataggca	tgatgataag	2100
ctatgcagat	tattaaaaag	cttgatacat	ttgatttttc	attagatatg	ccattcatat	2160
caagtaatgt	tcaagtatga	taaaattatt	ttggttgctt	taaagcactg	tttcccaaact	2220
ctacctgatc	ataataattt	accaggaagc	agaggagagc	tacttgttta	aaaatccaca	2280
ttcttgacc	caatcctcag	atgcacggat	tcagtcctca	ggggaaactc	tgttttaagg	2340
ggtatgttgt	aatctaaagt	aattggttca	ggaggtgtca	ataggttgaa	cttgtgagaa	2400
ggcactgaat	ctgccatcca	catcacatat	agcagctatt	atgaaatcag	ctttcatagg	2460
cctatttttt	aaaggaatct	gaaatttaatt	tctattttga	taaaactaag	actgaaaata	2520
accacttgta	aacattccta	tgattgttac	taaaatgtat	tttcatgttt	aaaatgtttt	2580
tggatatttt	tgggttaata	actactacat	tgaattgcat	gttaagggtgc	agaaataata	2640
cattaaaaga	ttttcacttt	aaattaatta	gtaatatgta	gcgctcacc	tgtgcgtggc	2700
cttgtgctaa	ccattagcac	tgcatacatt	caattctttt	ataagggcat	tcaatactac	2760
aaaatcaaca	tgatttcata	aggtgcaaat	aaaagttggt	gacagattta	atataatttt	2820
gatcacaaat	tacaaatgat	ctttgcaaat	agtggtcaga	cggcattagt	ttttccctta	2880
gttaagctaa	attaaaggga	ctccatcctg	ttatgattat	attattatta	ttattattat	2940
tattttttgag	gtggagtttc	actcttggtg	ccaagctgg	agtgcaatgg	cgcgatctcg	3000
gctcaccaca	acatccgcct	cctgggttca	agcgattctc	ctgcctcagc	ctcctgagta	3060
gctgggaata	caggcatgcg	ccactacacc	tggctaattt	ttgtattttt	agttgagatg	3120
gggtttttcc	acgttggtca	ggctgggtct	gaactcctga	cctcaggtga	tccgtccacc	3180
tcagcctccc	aaagagctgg	gattacaggt	gtgagctacc	gcgcctggcc	atgatgatat	3240
tattaaacac	cattattcac	atttcaaata	ataacaatac	tttttgtttt	tcaaaaataa	3300
aatgcaatgt	tataaaagc	tataaactaa	gttctttatg	atatttgagc	aacaactcag	3360
gaatataaca	tataaggag	atgttaattt	aaaaatttcc	actacactta	ttatctatta	3420
accaaagctt	aaaattttgt	attcttctgt	tagataagac	cttttacc	tttaatttgt	3480
ctttaaggac	agtcatttgg	cttctgaatg	tttgaaacga	ttttaaaaaa	taagtagtgc	3540
tatggttggt	tctataattc	taacctttga	tagtaatcag	aatgtattac	atttcatttc	3600
tgaatagctt	ttgaatttat	gaaaaattat	taacaatgaa	aaattggtaa	ttttattaag	3660
ttatatgtgt	ttaaatatta	tattagctta	tttctcttgc	attaatagta	ctgctgtttt	3720
ttgttttgct	tctttatatt	tatgtctagc	ttttatatgt	aatttatctt	agtgtttata	3780
aatgtgatt	tgtaataaat	gttggttaaaa	tgaaaatgga	aaaaaa		3826

<210> 8192  
 <211> 1837  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (322)...(1169)

<223> similar to gil480112 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8192

gtacacccac	cgggtcgacg	atttcgtcta	gcggcggcgg	gagcggcgcc	gttggccgtt	60
tggcacgcgg	gcgccaggac	cggccgaacg	cagagggtga	ttcttcacca	cactgaaacc	120
attaggaaaa	atccttggtg	ttaacagcag	aggcttcaga	gtgtaacctg	tactcgggcc	180
tagaaattat	ttaaaatggc	gactgatacg	tctcaagggtg	aactcgtcca	tcctaaggca	240
ctcccactta	tagtaggagc	tcagctgac	cacgcggaca	agttagggtga	gaaggtagaa	300
gatagcacca	tgccgattcg	tcgaactgtg	aattctaccc	gggaaactcc	tcccaaaagc	360
aagcttgctg	aaggggagga	agaaaagcca	gaaccagaca	taagttcaga	ggaatctgtc	420
tccactgtag	aagaacaaga	gaatgaaact	ccacctgcta	cttcgagtga	ggcagagcag	480
ccaaaggggg	aacctgagaa	tgaagagaa	gaagaaaata	agtcttctga	ggaaacccaa	540
aaggatgaga	aagatcagtc	taaagaaaag	gagaagaaaag	tgaaaaaaac	aattccttcc	600
tgggctaccc	tttctgccag	ccagctagcc	agggcccaga	aacaaacacc	gatggcttct	660
tccccacgtc	ccaagatgga	tgcaatctta	actgaggcca	ttaaggcatg	cttcagaag	720
agtgggtgcat	cagtgggtgc	tattcgaaaa	tacatcatcc	ataagtatcc	ttctctggag	780
ctggagagaa	ggggttatct	ccttaaaca	gcactgaaaa	gagaattaaa	tagaggagtc	840
atcaaacagg	ttaaaggaaa	agggtcttct	ggaagttttg	ttgtgggttca	gaaatcaaga	900
aaaacacctc	agaaatccag	aaacagaaa	aataggagct	ctgcagtgga	tccagaacca	960
caagtaaaat	tggaggatgt	cctcccactg	gcctttactc	gcctttgtga	acctaagaa	1020
gcttcctaca	gtctcatcag	gaaatatgtg	tctcagtatt	atcctaagct	tagagtggac	1080
atcaggcctc	agctgttgaa	gaacgctctg	cagagagcag	tagagagggg	ccagttagaa	1140
cagataactg	gcaaagggtg	ttcggggaca	ttccagctga	agaaatcagg	ggagaaaccc	1200
ctgcttggtg	gaagcctgat	ggaatatgca	atcttgctcg	ccattgctgc	catgaatgag	1260
ccgaagacct	gctctaccac	tgctctgaag	aagtatgtcc	tagagaatca	cccaggaacc	1320
aattctaact	atcaaatgca	tttgctgaaa	aaaaccctgc	agaaatgcga	aaagaatggg	1380
tggatggaac	agatctctgg	gaaaggggtc	agtggcacct	tccagctctg	ttttccctat	1440
tatcccagcc	caggagttct	gtttccgaag	aaagagccag	atgattctag	agatgaggat	1500
gaagatgaag	atgagtcac	agaagaagac	tctgaggatg	aagagccgcc	acctaagaga	1560
aggttgacga	agaaaacccc	agccaagtcc	ccagggaagg	ccgcatctgt	gaagcagaga	1620
gggtccaaac	ctgcacctaa	agtctcagct	gccagcggg	ggaaagctag	gcccttgctc	1680
aagaaagcac	ctcctaaggc	caaaacgcct	gccaagaaga	ccagaccctc	atccacagtc	1740
atcaagaaac	ctagtgggtg	ctcctcaaag	aagcctgcaa	ccagtgcgaag	aaaggagtaa	1800
atttgccggc	aaggcaaatc	cacatgaag	aggtctt			1837

<210> 8193

<211> 1042

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (923)...(418)

<223> similar to gi3790173 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8193  
tttttttttt ttgcccacct aatgcccttt cccagggcag ttttaattggt atcatttgta 60  
aaaaggtctt ttccatcacc cccaaagcct ttgcattccc tttccaagaa gggggctggt 120  
aactggtttg ggccccatgg gcaacagtag gccttggtat gaggtgcca taacactccc 180  
atgggacact ccagggtgac atccaagtgc aagtctatgt tcagctctgg gacagcaggg 240  
gggaaggtga ggagagtcag gtctgtaaat tgaagctggg cagggccctg gctgggctgg 300  
gagatgtgtg gggcaaggtg agcaggcccc atgttgccacc ccagcttcca gtgcccactg 360  
atgtggctga agcccagggt gggtgtggtc actttgcctt cagaggaagg tctggcgggc 420  
tctgactgct gctgggggtg ggctggggcc ctctccgccg ccgtctggca ccaccactgg 480  
gccggccccg actccgccgc tgcgcttgg ttggggggga gccctgctga gaatttgag 540  
aactgcttga ctgccgacgg cgacggcagc taccctctgt cctctttgaa gagctggagg 600  
tgccatagct atagcgttct ggagacactg gccggcgccg cttgcgcgcc aggtgcggca 660  
gcaggtcgtg gcgggccagc acgcgcagga gttgccccag cagccgcagg ttgctctcgt 720  
cgactgccc gcggcgctcc agctccagca ggagctttag gccgtgcgg gcccgggata 780  
agcctccggc ggcgccagga gcctcatcca gcagaaaggc caggagctcc agctcgact 840  
cggtcagttg cccgcccacc acctcgaaca tacggtgaag cgacagcatc ccgtagtagt 900  
ccaggcactc atcctcctcc cagcacgggg ccgggggtcga cccggatagc gccattcccg 960  
ggggagggag gcggaacaag ctcagaaccc ggccagattc tggcgtccga tgactcctgg 1020  
gcgacggccg cagccacttg tt 1042

<210> 8194  
<211> 800  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (162)...(37)  
<223> similar to gil072242 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8194  
cttccatcca tccacccatc caccatcca tccatccacc caccatcca tccatccatc 60  
catccatcca tccatccatc catccaccca cccatccatc catccatcca tccatctgtg 120  
gcttctacct gtgcgaatct ctgtgctaca aaattctttt caatttagca ttaacttta 180  
tttccataca gttggcacct cactgccgcc aaaagttagt ccgcaggaac tccactggaa 240  
tatttgctca ggggaaacta actaatcatc tgtttcaagg ttggtattca ttttagtctt 300  
tgacctctga ttatggggac ttccagggaa agctgtttgc aaggtgagca tgaatcaggt 360  
gaaacagcaa gatctgaagt caggacagag taagcaaatt atccacagac ctaatatgta 420  
ccctctgaag ctggaaagtg ggggccacct ggtagcattt gagcaggggt cacttatggt 480  
cccccataag tctgcacagc tcctaaacaa ggtccagtgg ggcaacttat ttttatgtgg 540  
gtccctttat aggcattgctg ttaaggggtg cataaccaca ggccagttga ggaaggggaa 600  
cctactggga ttttaaccag tgacattata taagcaatcg cttggagcca cataggtagt 660  
tcgcaggtcc tgaatatgtg gtgcctgaaa gcataggtgt aggcagtgtt cattgcatag 720  
gcattagctg gacaggtttt tttccatatt ggcacttatt aattgacaag gtcaggggtac 780

acttccaatg agtgtaggga

800

<210> 8195  
<211> 1290  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (37)...(763)  
<223> similar to gi34838 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8195

gctgcgagaa	gacgacagaa	gggcaaggag	gagaacatga	tgatggacct	ttttgaaact	60
ggctcctatt	tcttctactt	ggatggggaa	aatgttactc	tgacagccatt	agaagtggca	120
gaaggctctc	ctttgtatcc	agggagtgat	ggtaccttgt	ccccctgcc	ggaccaaattg	180
cccccggaag	cggggagcga	cagcagcgga	gaggaacatg	tcctggcgcc	cccgggcctg	240
cagcctccac	actgccccgg	ccagtgtctg	atctgggctt	gcaagacctg	caagagaaaa	300
tctgccccca	ctgaccggcg	aaaagccgcc	accctgcgcg	aaaggaggag	gctaaagaaa	360
atcaacgagg	ccttcgaggc	actgaagcgg	cgaactgtgg	ccaaccccaa	ccagaggctg	420
cccaagggtg	agattctgcg	gagcgccatc	agctatatgg	agcggctgca	ggacctgctg	480
caccggctgg	atcagcagga	gaagatgcag	gagctggggg	tggaaccctt	cagctacaga	540
cccaaacaag	aaaatcttga	gggtgcggat	ttcctgcgca	cctgcagctc	ccagtggcca	600
agtgtttccg	atcattccag	ggggctcgtg	ataacggcta	aggaaggagg	agcaagtatt	660
gattcgctcag	cctcgagtag	ccttcgatgc	ctttcttcca	tcgtggacag	tatttcctcg	720
gaggaacgca	aactcccctg	cgtggaggaa	gtggtggaga	agtaactgag	cctgcgcttg	780
agaccttctc	cacgcagcag	gaagatccca	cgcacccttc	ctggcctaata	ccttttagatt	840
aggtcacatt	acattaacat	ttaggaaccc	agaccgaaaa	gttgctgaaa	gggaaggaga	900
cacattcaca	aagaaaagtt	gcgaaaattg	cgaatctgtg	tgtgcatgct	caaataaaaa	960
cgcctttcgg	ctttgggctt	ttatTTTTTT	ggaactgcga	gtggcttagg	tctagcctca	1020
ttttgttttt	gtttggttgg	ttttatacta	tattaaacttt	tattacgggtg	atcctttttgt	1080
gccatgtttca	aaagaagttc	attcctgtct	aaagtgggaa	agttgcattt	aatgttaggg	1140
gtattttaatg	tattttttgta	aatagtttag	cactttcttt	ttttacgtaa	acctgaaata	1200
tatttttaaat	gtggaatgat	gtatataaaa	tgtgctgagg	atcctggtat	tgtaatatata	1260
aaaagaagtt	tctatatgaa	aaaaaaaaaa				1290

<210> 8196  
<211> 2190  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (373)...(1381)  
<223> similar to gi2088669 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

<400> 8196

gaagacattt	tccccgcaca	actgctaaag	ctccagagac	acgagcgtgt	gtggcagcaa	60
gagccgccag	ttcgggacca	ccgcagctgg	ggtggcagcg	gcgcaggagg	ggtcgcgggg	120
agggagtgga	ctgaccaggg	ccaagtggcg	ctcggcgggc	actacatggc	ggaggggtgaa	180
gggtacttcg	ccatgtctga	ggacgagctg	gcctgcagcc	cctacatccc	cctaggcggc	240
gacttcggcg	gcggcgactt	cggcggcggc	gacttcggcg	gcggcgactt	cggcggcggc	300
gacttcggcg	gtggcggcag	cttcgggtggg	cattgcttgg	actattgcga	aagccctacg	360
gcgcactgca	atgtgctgaa	ctgggagcaa	gtgcagcggc	tggacggcat	cctgagcgag	420
accattccga	ttcacgggcg	cggaacttc	cccacgctcg	agctgcagcc	gagcctgac	480
gtgaaggtgg	tgcggcgggc	cctggccgag	aagcgcattg	gcgtccgcga	cgtgcgcctc	540
aacggctcgg	cagccagcca	tgtcctgcac	caggacagcg	gcctgggcta	caaggacctg	600
gacctcatct	tctgcgccga	cctgcgcggg	gaaggggagt	ttcagactgt	gaaggacgtc	660
gtgctggact	gcctgtttga	cttcttacc	gagggggtga	acaaagagaa	gatcacacca	720
ctcacgctca	aggaagctta	tgtgcagaaa	atgggttaaag	tgtgcaatga	ctctgaccga	780
tggagtctta	tatccctgtc	aaacaacagt	ggcaaaaatg	tggaactgaa	atttgtggat	840
tccctccgga	ggcagtttga	attcagtgta	gattcttttc	aaatcaaatt	agactctctt	900
ctgctctttt	atgaatgttc	agagaaccca	atgactgaga	catttcaccc	cacaataatc	960
ggggagagcg	tctatggcga	tttccaggaa	gcctttgatc	acctttgtaa	caagatcatt	1020
gccaccagga	acccagagga	aatccgaggg	ggaggcctgc	ttaagtactg	caacctcttg	1080
gtgaggggct	ttaggcccgc	ctctgatgaa	atcaagaccc	ttcaaaggta	tatgtgttcc	1140
aggtttttca	tcgacttctc	agacattgga	gagcagcaga	gaaaactgga	gtcctatttg	1200
cagaaccact	ttgtgggatt	ggaagaccgc	aagtatgagt	atctcatgac	ccttcatgga	1260
gtggtaaatg	agagcacagt	gtgcctgatg	ggacatgaaa	gaagacagac	tttaaacctt	1320
atcaccatgc	tggctatccg	ggtgttagct	gaccaaaatg	tcattcctaa	tgtggctaata	1380
gtcacttgct	attaccagcc	agccccctat	gtagcagatg	ccaactttag	caattactac	1440
attgcacagg	ttcagccagt	attcacgtgc	cagcaacaga	cctactccac	ttggctaccc	1500
tgcaattaag	aatcatttaa	aaatgtcctg	tggggaagcc	atttcagaca	agacaggaga	1560
gaaaaaaaaa	aaaaggaaaa	aaaaaagagg	gatccagccc	ttattaggga	tgtgttttgt	1620
gcaatgatga	tatgctcctg	gttttaagtt	tggcaaagct	tatgtatctt	ttaatagatg	1680
tgggagcatg	atctcgaaag	gatccctttc	ccttctctta	ttctcctacc	caattggatt	1740
ctatcctgca	aaaaaagaga	gacctgtcat	tagaagcaac	cagggttctcc	tgatacaaga	1800
gaagaaatgt	gtgatgacaa	tatgggtttg	ctgtatctgc	tcccatagct	ttgccatagg	1860
aaaaaaaaaa	gtggaaagtt	tcttttaaga	tgggaattcat	aaaagggaaa	atacggagga	1920
aaaaaggtct	cactccaact	tgtgaatcag	tttaggagtt	cagatattaa	tagtaacaat	1980
acaggaaaaa	ggggaactcc	aacgttggga	ttactgtctg	aggctttag	caagtgcctt	2040
ctgtggaatg	atcttgtttt	gctaacaac	ggcttgcctc	aatgaacag	tagtaggttg	2100
gtgcagttct	cgtaacaatc	agcagaactt	atgatgacac	aatccattaa	ttccagctgc	2160
gggcatagat	cacattttta	aaatgtaaaa				2190

<210> 8197

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (131)...(945)

<223> similar to gi3252824 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8197  
ggcctcgtgc cagacccggc ggcggacggc ggctctcgac tccggagagc ggatcgcggg 60  
gcgcaggagc ccgatcgcg c tggccatggc ctccaacttt aacgacatag tcaagcaggg 120  
ctacgtgaaa atccgcagca ggaagcttgg gattttcaga cgatgctggt tggttttcaa 180  
gaaggcttct agcaaaggac ccagaagggt agaaaaattt ccagatgaaa aggcagctta 240  
tttcagaaac tttcataagg taactgaact gcacaatatc aaaaatataa ccagactgcc 300  
ccgagagaca aagaagcatg cgggtggcaat catctttcac gatgaaacat cgaagacatt 360  
tgctgtgag tcagagctgg aggccgagga gtggtgcaag cacctctgca tggagtgtct 420  
ggggaccagg ctcaatgaca tcagccttgg ggagcccgac cttctggccg caggagtgc 480  
gcgggaacag aatgagagat tcaacgtgta tcttatgcct acgccaaacc tggatattta 540  
tgggtgaatgc acaatgcaga tcaactcatga aaatatctat ctctgggata tccacaatgc 600  
caaggtaaaa ctggtgatgt ggcctctcag ctactgagg agatacggtc gggactcaac 660  
gtggttcacg tttgagtcag gaagaatgtg tgacacagga gaaggactat tcaactttca 720  
aacaagggaa ggagaaatga tctatcagaa ggttcattct gcgacactgg ccatagctga 780  
gcaacatgaa agattaatgc tagaaatgga acagaaggcc cggcttcaga caagcttgac 840  
tgaaccaatg acattatcca aatcaatatc tcttctcgc agcgcgtact ggcacacat 900  
cactcgtcag aacagcgttg gtgaaatcta cagtttgcaa ggaaatcatg aaaaatcgga 960  
ctccgattta acaggaaaga gttgcaagac atccgagaac agatttcttg aagaaaatgc 1020  
acccttggtt atgtatggca tcaactacca tctgttcag gatacttcta catgcaaagt 1080  
tgtacatgac ttggaataaa ccagctctag ttttatcatc aaa 1123

<210> 8198

<211> 2608

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (92)...(1101)

<223> similar to gil785643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8198  
ggaattcgcg gcgcggcgt ccgcggcagc tgataccaga gtcttgctcc ggccgcggcc 60  
agcggagccc tgggctgggg caggagccgc aatgtctcag gctgtgcaga caaacggaac 120  
tcaaccatta agcaaaacat gggaactcag tttatatgag ttacaacgaa cacctcagga 180  
ggcaataaca gatggcttag aaattgtggt ttcacctcga agtctacaca gtgaattaat 240  
gtgcccaatt tgtttggata tgttgaagaa caccatgact acaaaggagt gtttacatcg 300  
tttttgtgca gactgcatca tcacagccct tagaagtggc aacaaagaat gtcctacctg 360  
tcggaaaaaa ctagtttcca aaagatcact aaggccagac ccaaactttg atgcactcat 420  
cagcaaaatt tatccaagtc gtgatgagta tgaagctcat caagagagag tattagccag 480  
gatcaacaag cacaataatc agcaagcact cagtccagac attgaggaag gactgaagat 540  
acaggccatg aacagactgc agcgaaggca gaaacaacag attgaaaatg gtagtggagc 600  
agaagataat ggtgacagtt cacactgcag taatgcatcc acacatagca atcaggaagc 660  
aggccctagt aacaaacgga ccaaaacatc tgatgattct gggctagaga ttgataataa 720

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caatgcagca atggcaattg atccagtaat ggatgggtgct agtgaaattg aattagttatt 780
caggcctcat cccacactta tggaaaaaga tgacagtgcga cagacgagat acataaagac 840
ttctggtaac gccactgttg atcacttatc caagtatctg gctgtgaggt tagctttaga 900
agaacttcga agcaaagggtg aatcaaacca gatgaacctt gatacagcca gtgagaagca 960
gtataccatt tatatagcaa cagccagtgg ccagttcact gtattaaatg gctctttttc 1020
tttggaattg gtcagtgcga aatactggaa agtgaacaaa cccatggaac tttattacgc 1080
acctacaaag gagcacaat gagcctttta aaaccaattc tgagactgaa cttttttata 1140
gcctatttct ttaatatata agatgtactg gcattacttt tatggacaga tcttgatat 1200
gttggtcaat tttctttctg agccagacta gtttacgcta ttcaaactct tttcccttta 1260
tttaagattt cctttttgga agggactgca attattcagt attttttct ttcctttaaa 1320
aaaatatatc tgaagtttct tgtgtttttt tttttcccca caaagtgtgt ttcacttgg 1380
agcaccattt tgaccagga atttttcata gtttctgtat tcttataaga ttcagtggc 1440
tgtccttttc ctgctcccct caaaagattt ttagtcatac agaattgtta atattatgta 1500
ttctgacttt ttttttcccc cggagtcttg tatatttata gttttctata taaactgtag 1560
tatcttcatt aagacccaag gctcaaatct actgtcctta aaaacaattc tcataggatt 1620
attcttttca tgggtatttt ttcataata tctcatttta aaaagaagt ctttatgaac 1680
ttagtgtcca ttgtcatgca atgttttttt tttccattct tttccctgt aattttggaa 1740
tttctgggtc tgggaagaat caaacaaaat cttaagttct atgagaactt ggttcattga 1800
catattctgc tgaagaaaga aaaattaaat tggtagtaaa atatagtctt caagtatacg 1860
tttgagagtg cttttttttg tattagttct gctgtcactt catttcctgt attatatgtg 1920
atgtttttcc ccattaaaat accagagata atggagatat tttgcacttt agccttgatg 1980
aaaagtacaa gatattgtca aagcttccct aatttttttc ttatttgtag ccacataagt 2040
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cagtaccttt gtaactaaag tctgtctagt cattgtaaat atttatctgt cagttttgac 2520
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```

<210> 8199

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (496)...(1851)

<223> similar to gi2224689 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8199

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cagtcagtgt ctctgtgaa gacaccctca gatgctggaa acagcccat tggcttttgc 180
cctggaagtg atgaaggctt caccagaaag aaatgcacga ttggaatggt tgggaagga 240
agcattcagt cctctcgata taagaaggaa tcaaagtcag gccttgtgaa accaggtagt 300

```

gaagctgatt	ttagctcctc	gagcagcaca	ggcagcattt	ccgctcctga	ggtccatatg	360
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aatggagctt	cgtcacacaa	gcctggcagc	agcccatcat	ccccgcggga	aaaggacctt	480
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<210> 8200

<211> 2198

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (215)...(1810)

<223> similar to gi5678940 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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cccagtcccg cgggcgtgga gcgccggagg acccgccctc gggtcatgg cgcccccggt 180
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cctacagcac ttcggagacg ggctctgccg gatgctggac gagcggctgc agcgccaccg 420
aacatcgggc ggtgacatg ccccgactc accatctgga gagaacagtc cagccccgca 480
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aaaataataa aaataaataa aacttcctaa aagaaaaa 2198

```

<210> 8201

<211> 2244

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(2227)

<223> similar to gi35495 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ttccttctcg	acccctacat	tgccctcaat	gtggacgact	cgcgcacg	ccaaacggcc	180
accaagcaga	agaccaacag	cccggccttg	cacgacgagt	tcgtcaccca	tgtgtgcaac	240
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gccaaactga	ccatccagtt	tgaggagctg	ctgcagaacg	ggagccgcca	cttcgaggac	360
tggattgatc	tggagccaga	aggaagagtg	tatgtgatca	tcgatctctc	agggtcgctc	420
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ataaaaagaac	ttgagaacaa	cattcggaaa	gccttgtcat	ttgacaaccg	aggagaggag	1140
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cggcaaggcc	aggccaagcg	cctgggcctg	gatgagttca	acttcatcaa	ggtgttgggc	1260
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```
<210> 8202
<211> 4223
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (314)...(2035)
<223> similar to gi3882171 in the genepept database release 114.
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Run with FASTXY 3.3t00, default parameters

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tgattagatt tctaataatt tgcatttttg aaatgtttgt tttctacgtg attatattta 4200
aaactttagt aaataactaaa atg 4223

```

```

<210> 8203
<211> 1207
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(923)
<223> similar to gil330394 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8203
ggctgggtgc ctttactttc ccgaattctg ccttccgatg catgtaaaat atacaaacaa 60
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ggggatctaa gcttcatttt caatggggat gcggcgcctt ctgaatcttt tgtagtatta 180
gacaatgaac aaaaagttta tcagcgaata catcatgagg aatcagagat ggaaacagaa 240
gaagaggtgg atattttaat gagcagtgat atttactctg caactttatc aacaaaatca 300
atttctttca cgcgtgcccc gacaggatgg ctttttcggg aagataaaac agaaagagta 360
ggaaactttt tggcagactt ttacctggtg aatggacttg ttttagaatc aaggaaaaga 420
agagaacatc tcagtgaaga ggatattctt cgaaataagg ccatcatgga gagttagagt 480
aaaggtggaa acataatgga acagaatttt gagccgatc gaagacagtc tcttacacct 540
cctcctcaga acactattac atgggaagaa tatatatctg ctgaaaatgg aaaagctcct 600
catctgggta gagaattggg gtgcaaagag agtaagaaaa cgtttaaagc tacgatagcc 660
atgagccagg aatttccctt agggatagag ttattattga atgttttaga agtagtagct 720
cccttcaagc actttaacaa gcttagagaa tttgttcaga tgaagcttcc tccaggcttt 780
cctgtaaaat tagatatacc tgtgtttccc acaatcacag ccaactgtgac ttttcaggag 840
tttcgatacg atgaatttga tggctccatc tttactatac ctgatgacta caaggaagac 900
ccaagccgtt ttctctgatc ttaactgacg tggaaaagga tgccgtctaa ccaaggaaag 960
aaaatacaga gaccctagaa gtggatccaa atagaaggga caaatgcttt cagtgaagaa 1020

```



aaggggaatta	cacattgaat	ccgacacatc	agtaataaccg	atacagtga	atgggcctct	1080
aataagaatt	tcagcgagtt	ttctgatgtg	ccattttttg	tcttttttaa	aatatacata	1140
ttataaatgt	aatagtttga	cacattaatg	accctaagac	ctgcgtatgt	ggaagcagct	1200
atgagtgt						1207

```

<210> 8204
<211> 1479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (316)...(817)
<223> similar to gi722379 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8204						
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gggagggatg	cgccggcacc	cgcggcgagt	cagcccagcg	gctgcgggaa	acacaactcg	120
ccggagagga	aagtttatat	ggactataat	gcaacgactc	ccctggagcc	agaagttatc	180
caggccatga	ccaaggccat	gtggggaagc	tggggaaatc	ccagcagccc	gtattcagca	240
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gggaaacctc	aagatataat	cttcacttcc	gggggcactg	agtcaaataa	tttagtaatc	360
cattctgtgg	tgaaacattt	ccacgcaaac	cagacctcaa	agggacacac	aggtgggcac	420
cacagcccag	tgaagggggc	caagcccat	ttcattactt	cctcgggtga	acacgactcc	480
atccggctgc	ccctggagca	cctgggtgga	gaacaagtgg	cagcggtcac	ctttgtcccg	540
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agcaaccctc	catgaaccac	agctacattg	gttcccccat	gtcccctgct	gtcaccctct	1440
gtatgcggcc	gctctagaga	atccacgcag	cgtctgcgt			1479

```

<210> 8205
<211> 1617
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1618)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (377)...(80)

<223> similar to gil694828 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8205

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ttggccagct	ccccaatcaa	tctccagtac	tcattgaact	tgagctccga	gtcctgattc	180
acatccaagc	tcttcatctt	ctcatcaaga	gagcccacat	ccttgagcag	atggggcaac	240
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tttgtcaggg	ctgacctgtg	gaagagagaa	ggagcagaga	gggagagtca	gggagcccca	480
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cgggctcaac	cagcacagcc	agccacaggt	actgcaagaa	acagcttggg	gtaagacatc	1560
cagtgtccct	cccaggacct	ccttccccgg	aaanccaccn	cgcggtttta	cgaaggt	1618

<210> 8206

<211> 4569

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (428)...(3224)

<223> similar to gi4454261 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8206

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cccctgggca	ccggtctgcc	caggtccagt	tcggccgctg	acgcgaaccc	tcgcgaccgg	360
gtccccgctg	gaactgcccc	ctcggtctcc	ccgggagcgg	ggcccaggcc	agtcggggcgt	420
tcgcccatg	agccagagcc	cggcgttcgg	gccccggagg	ggcagttctc	cccggggcgc	480
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0940375.0340



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gctcaggccc	gtgaacagac	tccaactaca	acagcacccg	cgacttccaa	agagcgaatt	2220
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<210> 8208

<211> 1715

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (331) \dots (1074)$$

<223> similar to gi5911886 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8208

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tgtgaatcacaca	cgtgtaacta	ctacctgcag	ccagaggaag	acgtgacat	tggagtctgg	300
cacaccgtcc	ctgcagtctg	gtggaagaac	gcccaaggca	aagaccagat	gtggtatgag	360
gatgccttgg	cttccagcca	ccctatcatt	ctgtacctgc	atgggaacgc	aggtaccaga	420
ggaggcgacc	accgcgtgga	gctttacaag	gtgctgagtt	cccttggtta	ccatgtggtc	480
acctttgact	acagaggttg	gggtgactca	gtgggaacgc	catctgagcg	gggcatgacc	540
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gctaagagcc	atccattttc	agtgatatat	cgatacttcc	ctgggtttga	ctggttcttc	780
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tgcacttcct	cccttttcac	ctacctgtac	acctaacctg	gccttagact	gagctttatt	1680
taagaataaaa	atcgtggtgg	tgggtcaaaaa	aaaaa			1715

```
<210> 8209
<211> 2303
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (399)...(2216)
<223> similar to gi2792364 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<400>	8209						
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acttggata	aaacgtagct	ttttttctgc	ttggatttat	tttctaaaaa	tcaacaccgt		360
aaacccatat	cagatacaac	aaaattgggg	tagttaaaac	catgagttgt	ggaaatgagt		420
ttgtggaac	attaaaaaaa	attggttatc	caaagctga	taatcttaat	ggagaagact		480
ttgactgggt	gtttgagggc	gttgaagatg	aatcgtttct	gaagtgggtt	tgtgggaatg		540
tgaatgaaca	gaacgtgttg	tctgaaagag	aattggaagc	ttttagcatt	cttcagaagt		600
caggcaagcc	tattctagaa	ggggcggcat	tggatgaagc	tcttaaaacg	tgtaaaactt		660
ctgatttgaa	gacacctaga	ctggatgata	aaagcctgga	gaaattagaq	gatgaagttc		720

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aaactctact gaaattaaag aacctaataaa ttcagcgacg taataaatgt caattgatgg 780
cttcagtaac tagccacaaa tctctgaggt taaatgctaa agaagaagaa gccactaaaa 840
agctgaagca gagtcaagga attctaaatg caatgatcac taagatcagt aatgaacttc 900
aggctcttac tgatgaagtt acacaattga tgatgttctt cagacattct aatttaggtc 960
aagggacaaa tccactggta tttttatcgc aattttcctt ggaaaaatac ctaagtcagg 1020
aagagcaaaag cacagcagca ttaactttgt ataccaaaaa acagttcttt caggggtatac 1080
atgaagtagt tgaaagtcc aatgaaagcc aatttttcaa ctttttaaaa atacagacac 1140
catctatttg tgataatcaa gaaatccttg aggagagacg actagagatg gctagactgc 1200
agctcgcata catttgtgct caacatcagt taattcactt aaaagcaagt aattcgagca 1260
tgaagtcaag tataaaatgg gcagaggaga gtcttcacag cctaaccagc aaggctgtgg 1320
acaaagaaaa tttggatgct aaaatttcta gcttgaccag tgagattatg aaacttgaaa 1380
aagaggtcac tcaaataaaa gacagaagtt tacctgctgt ggtaagagag aatgccagc 1440
tattgaatat gccagtggta aaggggagatt ttgatctgca gattgctaaa caagattatt 1500
atacagcaag acaagagtta gttttaaatc aattaataaa acaaaaggca tcatttgaac 1560
ttctacagtt atcatatgaa attgaattaa gaaagcatcg ggacatatat cgtcaacttg 1620
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taacagatcc atcagtttct caacagataa atccaaggaa taccattgat actaaggatt 1740
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taactcatgg aaaccttgag gaagtggctg agaaattgaa acagaatatt tcttttagtac 1860
aagatcagtt ggcagtatct gctcaagaac attctttctt tctgtccaaa cggaataagg 1920
atgtggacat gctttgtgat actttgtatc aaggaggaaa tcagcttttg cttagtgatc 1980
aggagttaac agagcagttt cataaagttg aatctcaact gaataagcta aatcatctcc 2040
tactgatat tcttgctgat gtgaagacaa aaagaaaaac tttggcaaat aataaattac 2100
atcaaattga aagagaattc tatgtatatt ttttaaaaga tgaagattat ctgaaagata 2160
ttgtggagaa tttagaaact caatcaaaga ttaaggctgt tagtcttgaa gattgaaaat 2220
tactgaaaac tgaatcttta ttacgtgtcc tcttttattt attagaagac tgtgtataat 2280
aaacactact aaatttttaa aaa 2303

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```

<210> 8210
<211> 775
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(776)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (365)...(540)
<223> similar to gil9917 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8210
tggcaaatc atctctttta tcctcgctta tgaataagat gtctcagggc aaccctggcc 60
tgggcagcct gctgaacatc aaggcggaac agaggggagc cccgctgcgg ancctcgccc 120
ttcctaggca aggcctgaa agngctgggt caggagaagt tggcagagcc ctggaagggtg 180
tacctgcgca ggtttggtac aaaggacttc tgtgacggcc agtgtgactt cctccacaag 240
gccacttcc actgcgtggt ggaggaatgc ggcgcgctct tcagcacctt ggacggggcc 300

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atcaagcacg	caaacttcca	cttccggaca	gagggaggag	cagcaaaagg	aaacacagag	360
gctgcctttc	cggcctcggc	cgccgagacc	aaacctccca	tggccccctc	gtccccctcg	420
gtccctcctg	tcaccacggc	cacggtgtcc	tctctggagg	ggcccgcctc	cagcccggcc	480
tccgtgccct	ccacccccac	cctgctcgcc	tgggaagcagc	tggcttccac	cataccccag	540
atgcctcaga	tcccagcgtc	agtgcctcac	ctgcccgcct	cgcccttggc	aacgacttct	600
ctagagaacg	ccaagcccca	gggtcaaacc	ggattcctcc	agttccagga	gaacgatcct	660
tgctcgcca	cggactgcaa	gtacgccaac	aagttccact	tccactgtct	ctatgggaac	720
tgcaagtacg	tctgcaaaac	gtctggcaag	gccgaatccc	actgcctgga	ccaca	775

<210> 8211  
 <211> 4458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (215)...(2987)  
 <223> similar to gi4240301 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8211						
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cctgtgaggc	gcagcccatc	atggggccat	tgttcagggtg	caccttttgc	tcccgggctc	180
atccaccatc	atgatccatg	acttgtgect	cgtcttcccg	gccccagcca	aggctgtcgt	240
ttacgtgtcg	gacattcagg	agctgtacat	ccgtgtgggt	gacaagggtg	agattgggaa	300
gacagtgaag	gcatacgtcc	gcgtgctgga	cttgacaaag	aagcccttcc	ttgccaata	360
cttccccctt	atggacctga	agctccgagc	agcctccccg	atcattacat	tgggtggcct	420
tgatgaagcc	cttgacaact	acaccatcac	attcctcatc	cgcggtgtgg	ccatcggcc	480
gaccagtcta	actgcaagtg	tgaccaataa	agctggacag	agaatcaact	cagccccaca	540
acagattgaa	gtctttcccc	cgttcagggt	gatgcccagg	aagggtgacac	tgcttatcgg	600
ggccacgatg	cagggtcacct	ccgaggggcg	cccccagcct	cagtccaaca	tccttttctc	660
catcagcaat	gagagcgttg	cgctgggtgag	cgctgctggg	ctggtacagg	gcctcgccat	720
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cgcccccatc	atgcggatga	ggacggggcac	ccagatgcc	atctatgtca	ccggcatcac	900
caaccaccag	aaccttttct	cctttggcaa	tgccgtgcca	ggcctgacct	tccactggtc	960
tgtaaccaag	cgggacgtcc	tggacctccg	agggcgggcac	cacgaggcgt	cgatccgact	1020
cccgtcacag	tacaactttg	ccatgaacgt	gctcgggccg	gtaaaaggcc	ggaccgggct	1080
gagggcggtg	gtcaaggctg	tggacccac	atcggggcag	ctgtatggcc	tggccagaga	1140
actctcggat	gagatccaag	tccagggtgt	tgagaagctg	cagctgctca	accctgaaat	1200
agaagcagaa	caaatattaa	tgtcgcccaa	ctcatatata	aagctgcaga	caaacaggga	1260
tgggtgcagcc	tctctgagct	accgctcct	ggatggaccc	gaaaagggtc	cagttgtgca	1320
tgttgatgag	aaaggctttc	tagcatcagg	gtctatgatc	gggacatcca	ccatcgaagt	1380
gattgcacaa	gagccctttg	gggccaacca	aaccatcatt	gttgctgtaa	aggatatccc	1440
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ggtggccgtg	cctttgggaa	tgaccgtgac	cttcaactgtc	cacttccacg	acaactctgg	1560
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gcagatcggg	aaggggccca	ccaacaacac	ctgtgttgtc	cgcacagtca	gcgtgggcct	1680
gacactgctc	cgtgtgtggg	acgcaaagca	cccgggcctc	tccgacttca	tgccccctgc	1740



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atgtaaatag	gagcctttta	actggtttat	ttaataaagt	tctattgggtg	attttttaaa	4440
aaaaaaaaac	ctcgtgcc					4458

<210> 8212

<211> 1598

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (45)...(1100)  
 <223> similar to gi202402 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8212

gcggccgcag	ccgctgcccc	gggcccggcg	cccgcggcg	caccatgagt	ccccgctcgt	60
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tgtacctggc	caagctgtcg	tcggtgggga	gcatctcaga	ggaggagacg	tgcgagaaac	180
tcaagggcct	gatccagagg	cagggtgcaga	tgtgcaagcg	gaacctggaa	gtcatggact	240
cgggtgcgcg	cgggtgcccag	ctggccattg	aggagtgcc	gtaccagttc	cggaaaccggc	300
gctggaactg	ctccacactc	gactccttgc	ccgtcttcg	caaggtggta	acgcaaggga	360
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cagatgagga	cctggtgtac	ttggagccta	gccccgactt	ctgtgagcag	gacatgcgca	900
gcggcgtgct	gggcacgagg	ggccgcacat	gcaacaagac	gtccaaggcc	atcgacggct	960
gtgagctgct	gtgctgtggc	cgcggcttcc	acacggcgca	ggtggagctg	gctgaacgct	1020
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agttgcacac	gtgccgatga	ccgcctgcct	agccctgcgc	cggcaaccac	ctagtggccc	1140
agggaaggcc	gataatttaa	acagtctccc	accacctacc	ccaagagata	ctggttgtat	1200
tttttgttct	ggtttggttt	ttgggtcctc	atgttatatta	ttgccgaaac	caggcaggca	1260
accccaaggg	caccaaccag	ggcctcccca	aagcctgggc	ctttgtggct	gccactgacc	1320
aaagggacct	tgctcgtgcc	gctggctgcc	cgcagtgggc	tgccactgac	cactcagttg	1380
ttatctgtgt	ccgtttttct	acttcagac	ctaaggtgga	gtaacaagga	gtattaccac	1440
cacatggcta	ctgaccgtgt	catcggggaa	gagggggcct	tatggcaggg	aaaataggta	1500
ccgacttgat	ggaagtcaca	ccctctggaa	aaaaagaact	cttaactctc	cagcacacat	1560
acacatggac	tcctggcagc	ttgagcctaa	aagccatg			1598

<210> 8213

<211> 1385

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1326)...(883)

<223> similar to gi4868140 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8213

tttttttttt	ttagagttgt	gagtgaattg	cattttttatt	tacgtttaag	agtctctctc	60
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cctccttggtg ttctagtctg tgaatggctc acacttggac ttagtgtagg ctcttatggg 120
aggagcgggc ggtagtgaga atcttcatca aatggagtaa catgacccaa atctctagag 180
gtttcataat tttgctcttg cttctgaaaa cataatcatc tcttatgggg tggtatgtgc 240
tttgatatcct gaaattttcc acttgctgct tcttggtgtg aggcgagaaa tgccaccacg 300
tggcactgca ggaggagact ggtggaagcc acagggctag gccttcaact cccagtgaca 360
ctgttcccaa ttccctccag gataagctga gactcctcag gatgtgggtt tgcagcagat 420
gaggtgcgaa caaagcctgc tctgccctgg gcacccagga tggcactgag ttctaaaagg 480
caaagggat gtggtgaggg gccaggtga ggccctggtg tggtaaccatc atgggcagca 540
gcaccatttg aggcgggta ggagagacgt gcagggcctg gcccccaag agaccagcag 600
acaaactgag gcggcagaga gagagattcc agtgtcacca ggaagactgc agatcataac 660
aacaatggtt gctgatttgg catcaaagag gtggcactgt caaagccgta attgctgaaa 720
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tgatgctctt tgaatggctc agccaacagc ccaaagtttt aagggaagac ctctctgcca 840
gcttctcttg gacagtgtct catgtaaaac ctccaaggca cttacatagc atatttttgt 900
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ccattgctgt tgatattagg gtgataaatt ttggttggtg aagcaacctt tgggggcttg 1140
aacgggtaat ctgtaggaaa gtggatgggtc aggaagaaaa cacctccttg gtaaggactg 1200
tcattcgggc ccattgatggg ggccctgccag tgggaacaagt catcaccgac aggtcctgca 1260
gaacactggg caggaggatc cctctgcaag tcggttaatt ccttctggat ccgcttttagc 1320
gccatcctac ccgctgccg gggacccggg cggccccggc ggggctgcct gaggcggccc 1385
gctgc

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<210> 8214
<211> 1790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (986)...(1426)
<223> similar to gi5701854 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8214
ttatttcaaa gatgagaaat atttgtttgg atatctatga ctgtctgttt atactgtaag 60
gggcttaatc agcagctcca tcttttagtt ttagttctaa aggaaaagta gcctaaagtc 120
agtataacta aaggggtgga cgaggtggga caaggtccgg aattgctgct cagtgatgtg 180
tgtgtgcctg ccgctggtgg agctgagact gctcatctca gaaggatggg gatgcttgat 240
ttcctggcca ggttgtccca gcacagtggg gattggccct gttgtatgac gaagacagca 300
catggtggca gagatagata ctaacccatg gactttccaa gggagggaat aggtcttttg 360
agggtatgca agacaaaggt agacactgga taaagaacct ggtagtgcc aggtattacc 420
ccatctgggc cattactccc acactcagga accagacggt gtgggtgagg acatgctgtc 480
cctcctgcca agtaataact tccttcccag ccaggatcct gccccaaagta ggaatatagc 540
tctgcattta cagcagctcc tgctcagacc ttgtcaaaac caccctgcag cttaggatta 600
aggagcatgg tcacaggaag gtgggggttc agggcatccc ctacaggaact gccatctccc 660
ccagaattcc aaaatgaagg tccatatgct tgtaggtgtg ctggtcatgg cgggcttcac 720
agtaggaaag ggtaagtggg gccagggggc agggaggagg gaaggggtaa ctgagtccag 780
gaaggggggtg gagcgtggcc atggataatc gggcttccca ctggcccagg gtatttgaga 840

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taccatcagc agctcatccc tgtgcatggg gatcaccatc tattatgatg tcaaggttcg 1020
cttcatcggt cgaggctgtg gacagtacat ttctaccgc tgccaagaaa aacgcaacac 1080
ctactttgca gagtactggg atcaggccca gtgctgtcag tacgattatt gcaactcctg 1140
gtcaagcccc caactccaga gctctctgcc ggagcccat gacaggcccc tggccctgcc 1200
tctgtctgac tcccagattc agtggttcta ccaggccctg aacctctccc tggccctccc 1260
caatttccat gctgggacgg agcctgatgg cctggacccc atgggtcacac tgtccctgaa 1320
cctgggcttg tcttttgctg agctgcgccg catgtacttg ttctcaata gttcaggact 1380
tttggttctt cccagggctg gactcttgac acctaccct tctgaattc cacagtcaa 1440
atatctttct gtaacacct cagcatcctg cactgcactc cagcctgggt gacacagtga 1500
gactccgtct ccaaaaaaaaa ggatgaggaa tagaattctg tgcagatgtc ctgacttggc 1560
aattttgtgt ccctgcctca ctgtctccac caacccccgc ctgtcctagt gttgttctgc 1620
ctcctgtcct ctcttctct cttgtcagtc tctggcttcc tgggccccat ttcacttcac 1680
tgagtctga caccatctc cctaggggcc tgtgagagga gagggaaggg tctgttctgc 1740
tcagctccat gtccccatt ttctccaca ataaaactgg ggactgggct 1790

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<210> 8215
<211> 1166
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1073)...(594)
<223> similar to gi4588130 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8215
tttttttttt ttacagaatt ccccaaactt taatgctgtg ctctgaaaag ggaggctgga 60
ggttgtgggt ggtcacagtg ttgctgacac ctctggcctc cagccctgca tccctaggca 120
ccatgtgacc aggcagtgag aaggacgggg cctcactccc atgccagact gctcctcggg 180
ctgagcagga cctgaagctc tcagggtctt caccaaagcc cagcaaactt gggggaggcc 240
tgagggggga tcagcagtc ttaaaggcct gagcttgcaa cactcaggca ggactcggct 300
gagggcctct gtggtgccac catggggtag gaggtaaaga gagaccctgg ttccagcctg 360
ggaaccagtg ggtgccctga agggagggga ggcctcaggg agttcgggac aggagtgtgc 420
atgggtactg ggcggccatg ggggctcctg gcctcttggt tcaggcaatc cctgagctgg 480
ggacacattc catcttaggt ccaagagacg gaggtcagga gcatccctag aacgacctcc 540
caggcacgag gaaggccccg ggcagggccg ggcgcagcgt ggctggcttc agtaccctcg 600
ggcatcttga ctctgccct ctgggactgc aaagggatct gcgggcgcct ctgctgagtc 660
aatcgtctgg taggcactac ggtcctgaga agaccacagg aaaccagtgt ggaccaggag 720
ctaccccccg cgtccccggt acatgtggta gacgaagcag caggagagcg gcttgagcag 780
caagctgagg atggccatgc ccacgcaaaa gcggcccggt tccgtgaggc tgaccgcggg 840
gtagaagatg ctgatgtgca cgatgtccag gaagatggtg gccagcaagc caccagaaa 900
catgcttatg gcgtcgatgg agtcccgtg agccacagcc cacacgcca aggccaggat 960
ggtgaagttg gccaggcat aggagcctga gaatacaatg cagccccagg ttgtcagcag 1020
ccagtgaact aggagaatca ccttcagggt cacagcaggc agtccatcc cgactcaggc 1080
cgagggcacc tgcgcgcag ccgcgggggg ctcttaggct ccgaactcgg ggaacaaact 1140
tgccccggcc cgcgccgcc gttgcg 1166

```

<210> 8216  
 <211> 2135  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (993)...(1922)  
 <223> similar to gi5533379 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8216

gcccggaatt	cccggtcgac	gatttcgtac	gagactgacc	cggacttagg	cgttccgcct	60
ggcccgggcg	cggtgaaaaa	aggcagtttt	gaagcattta	gtggcaaaaag	gggtaggaga	120
cggtcgtctga	agtgtctact	acattcaggg	gacctggaag	gcttccagat	atccgcaatg	180
aacaatgaaa	agaaattgtg	aaagaaggcg	cttcctcaa	gccggaacta	atgaactcct	240
gggtcacgtg	gtgcgcacgc	gccaaaggca	cacgataaag	gaaaacgcgg	gcttatcgtg	300
gcctttaaaa	tccggcttgg	tgagcttggg	tcgcctctga	aggagaacca	ttttccatct	360
ctttcatagt	tttttcccc	agtcagcgtg	gtagcgggat	tctccgcggc	agtgacagta	420
attgtttttg	cctctttagc	caagacttcc	gccctcgatc	aagatggtgg	ttggacggcc	480
ttcctaacct	ttacggggcc	tggcgggtgct	gacgcctgag	ctggtagggg	tggagcaggt	540
aggaaacagc	aaatgcagaa	gctgctgcgc	ggaagtcggc	catggactgg	aaagaagttc	600
ttcgtcggcg	cctagcgacg	cccaacacct	gtccaaacaa	aaaaaaaaagt	gaacaagaat	660
taaaagatga	agaaatggat	ttattttaca	aatattactc	cgaatggaaa	ggaggtagaa	720
aaaacacaaa	tgaattctat	aagaccattc	cccggtttta	ttataggctg	cctgctgaaa	780
atgaagtctt	actacagaaa	ttaagagagg	aatcaagagc	tgtctttcta	caaagaaaaa	840
gcagagaact	gttagataat	gaagaattac	agaacttatg	gtttttgctg	gacaaacacc	900
agacaccacc	tatgattgga	gaggaagcga	tgatcaatta	cgaaaacttt	ttgaaggttg	960
gtgaaaaggc	tggagcaaaag	tgcaagcaat	ttttcacagc	aaaagtcttt	gctaaactcc	1020
ttcatacaga	ttcatatgga	agaattttcca	tcatgcagtt	ctttaattat	gtcatgagaa	1080
aagttttggc	tcatacaaca	agaataggac	tcagttttata	tgatgtcgct	gggcaggggt	1140
accttcggga	atctgattta	gaaaactaca	tattggaact	tatccctacg	ttgccacaat	1200
tagatggtct	ggaaaaatct	ttctactcct	tttatgtttg	tacagcagtt	aggaagttct	1260
tcttcttttt	agatccttta	agaacaggaa	agataaaaaat	tcaagatatt	ttagcatgca	1320
gcttcctaga	tgattttattg	gagctaaggg	atgagggaact	gtccaaggag	agtcaagaaa	1380
caaattgggt	ttctgctcct	tctgccctaa	gagtttatgg	ccagtacttg	aatcttgata	1440
aagatcacaa	tggcatgctc	agtaaagaag	aactctcacg	ctatggaaca	gctaccatga	1500
ccaatgtctt	cttagaccgt	gtttttccagg	agtgtctcac	ttatgatgga	gaaatggact	1560
ataagacct	cttggacttt	gtccttgcat	tagaaaacag	aaaggaacct	gcagctctac	1620
aatatatttt	caaactgctt	gatattgaga	acaaaggata	cctgaatgtc	ttttcactta	1680
attattttct	tagggccata	cagggaactaa	tgaaaatcca	tggacaagat	cctgtttcat	1740
ttcaagatgt	caaggatgaa	atctttgaca	tggtaaaacc	aaaggatcct	ttgaaaatct	1800
ctcttcagga	tttaatcaac	agtaatcaag	gagacacagt	aaccaccatt	ctaatcgatt	1860
tgaatggctt	ctggacttac	gagaacagag	aggctcttgt	tgcaaatgac	agtgaaaact	1920
ctgcagacct	tgatgatata	tgatctctga	aagactagac	tgtcttatat	tatgagatac	1980
ttgaatgctg	catgtaaagc	ctttaaagca	aaatcctcag	aaatgggtcta	aataaaaacac	2040
ttgatatgcc	tagagaacac	agcaaatggt	ttggttactg	gaattttggg	tgcaatagtt	2100
tagaagcaat	aggaccaa	attgcttggt	aggag			2135

<210> 8217  
 <211> 1481  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (224)...(955)  
 <223> similar to gi4176448 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8217  
 ggccgcaggg cctccgtccg aggtggtgaa tcaagattcc ttgtttcctg agcccagagcc 60  
 gggcccccgc cccaggtgc ttctggggcc tcagggcccc ggcctcatca aaggggttgc 120  
 acctcccacc etcatcaccg actccacagg gacccacctt gtccctaccg tgaccaataa 180  
 aaatgcacac agccctggcc tgtccagagg gagcccccaa cagccctcgt ccagacctgg 240  
 ctctccagcg cctgccccct ctgcccagat ggacctggag caccactgc agccctctt 300  
 tgggaccccc acttctctgc tgaagaagga accacctggc tatgaggaag ccatgagcca 360  
 gcagcccaaa cagcaggaaa atggttcctc aagccagcag atggacgacc tgtttgacat 420  
 tctcattcag agcggagaaa ttccagcaga ttcaaggag ccgccatccc tgccaggga 480  
 ggagaagcca tcccgaaga cagtctgttg gtccccctg gcagcacagc catcaccttc 540  
 tgctgagctc cccaggctg cccacctcc tccaggctca cctccctcc ctggacgcct 600  
 ggaggacttc ctggagagca gcacggggct gcccctgctg accagtgggc atgacgggcc 660  
 agagcccctt tccctcattg acgacctcca tagccagatg ctgagcagca ctgccatcct 720  
 ggaccacccc ccgtcaccca tggacacctc ggaattgcac ttgtttcctg agccagcag 780  
 caccatgggc ctggacctgg ctgatggcca cctggacagc atggactggc tggagctgtc 840  
 gtcaggtggt ccctgtctga gcctagcccc cctcagcacc acagccccc gctcttctc 900  
 cacagacttc ctgatggcc atgatttgca gctgcactgg gattcctgct tgtagctctc 960  
 tggctcaaga cggggtgggg aaggggctgg gagccagggg actccaatgc gtggctctcc 1020  
 tgcgtgattc ggcctctcca catggttgtg agtcttgaca atcacagccc ctgctttttc 1080  
 ccttccctgg gaggetagaa cagagaagcc cttactcctg gttcagtgcc acgcagggca 1140  
 gaggagagca gctgtcaaga agcagccctg gctctcacgc tggggttttg gacacacggg 1200  
 cagggtcagg gccatttcag cttgacctcc ttttttgagg tcagggggca ctgtctgtct 1260  
 ggctacaatt tggctaaggg aggtgaagcc tggccaggcg ggaggcttct cttctgacct 1320  
 agggctgaga caggttaagg ggtgaatctc ctctcttct ctccctgctt tgcgtgtgaag 1380  
 ggagaaatta gcctgggcct ctacccccta ttccctgtgt ctgccaacct caggatccca 1440  
 gggctccctg ccatatttag tgtctttgtg tagtgtaacc a 1481

<210> 8218  
 <211> 1260  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (393)...(1200)  
 <223> similar to gi3876107 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8218  
cccacgcgtc cgggagaggc cgcggccctt tcccgttgcc tgcggccacc ggccggcatt 60  
cagagcccct cgcctggcgc taaattttaa aacgtaacac gagcagcagg ctggtctcgg 120  
aaacgaaacg aaattcggtc cctgggcctc ctcccgggcg ctgccggtcc ctcagcgcgc 180  
cgcgccacc cgaacagacc cttctcccgc cttttcggc ggggctggga gactgaggcc 240  
cgcggcgtg agcctgcggc gccccggaag aggcgggcgg catggccgct ggcgtggact 300  
gcggggacgg ggttgccgcc cggcagcacg tgttcctggt ttcagaatat ttaaaagatg 360  
cttcaaagaa gatgaaaaat gggctaattg ttgtaaaact ggtaaacccc tgttcaggag 420  
aaggagccat ttacttggtt aatatgtgtc tacagcagct gtttgaagta aaagttttca 480  
aggaaaaaca ccattcttgg ttataaaatc aatcagttca atcaggaggc cttctccatt 540  
ttgccacacc tgtggatcct ctatttctgc ttctccacta cctcataaag gctgataagg 600  
aggggaagtt tcagcccctt gatcaagttg tgggtggataa cgtgtttcca aattgcatct 660  
tgttgctgaa acttcctgga cttgagaagt tacttcatca tgtgacagag gaaaaaggta 720  
atccagaaat agacaacaag aaatattaca agtacagcaa agagaagaca ttaaagtggc 780  
tggaaaaaaa ggttaatcaa actgtggcag cattaataac caataatgtg aatgtcagtt 840  
cccggttaca gtcaactgca ttttctctg gtgaccaagc ttccactgac aaggaaggag 900  
attatatctg ttatgcccac ggtctgatat ctgactacat ccctaaagaa ttaagtgatg 960  
acttatctaa atacttaaaag cttccagaac cttcagcctc attgccaaat cctccatcaa 1020  
agaaaataaa gttatcagat gagcctgtag aagcaaaaga agattacact aagttaata 1080  
ctaaagattt gaagactgaa aagaaaaata gcaaaatgac tgcagctcag aaggctttgg 1140  
ctaaagttga caagagtgga atgaaaagta ttgatacctt tttttgggt aaaaaataaa 1200  
aaaaaaaaatt ggaaagggtt gaaactttga aaataaaatc tagcaaaaat aaaaaaaaaa 1260

<210> 8219  
<211> 656  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (61)...(246)  
<223> similar to gi4585827 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8219  
tcgacccacg cgtccgcca cgcgtccgcg caggagctaa cgcaggggga atccttgacg 60  
gtgggagcat ttcagagcgc acaagccatg gtggccaaac agcggatccg gatggctaac 120  
gagaagcaca gcaaaaacat caccatagg ggaacgtag ccaaaaccct gaggccgcaa 180  
gaggagaaat atcctgtggg accatggctg ttggcactgt ttgtttttgt tgtctgtggc 240  
tcaggatcaac cacataaatt ggcctctcct ggagactgcc agaactttct caaagttgta 300  
acatccagag ggagtcaccc ccccccaag accggcaact gagatgttta aaggaactgg 360  
ctggccctga aggaaagact gaggccattc atctgctctg gagttcatcc tcgggatctg 420  
agatgcacag cctgaagaca tctcatcagc catcagctcc cttaaggatga cctgtagcct 480  
cctttgtgcc ctgggggcat ttgggattgt gtagaggctc tctctcagaa gcatctttct 540  
gttattttta tgccgataga aagctttaca ttctttgcta ataacatctg ggttttaata 600

gcgcctcctt gccctgcctg tctccggcat ctctcttttt tccctcttct ccatct

656

<210> 8220

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (495)...(141)

<223> similar to gi5419988 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8220

tttttttttt	ttacagtttg	aacatttatt	cgccctcctga	gcttgtacaa	cagtcgtggg	60
agttgctgca	gaagcaagcg	aaaagccaga	tgagcgcttc	taaacttaga	gagagggtgag	120
taaggcttgt	gggcgatcac	ttgtcggctg	gggcctcttt	ggcctcttcc	cagaggatgt	180
cctgaagaaa	cttccccagg	gcctggctgt	gctgctggta	ctgaaccctt	gacagcttga	240
ttccaacatc	aaagggggcg	ttgaaccgga	cttccagttc	atcctctgcc	ccttctgctt	300
gacctccatc	ttccggggcg	agccagcctg	ctagagctcg	gggctgcagc	ttggctgggtg	360
gcttcttcga	ctcctttctc	tgtctggactc	tctggtgttc	agggctcagg	aagctggagc	420
ctgccatggc	caagtccagc	cagagcatgc	cgaggagcag	gaggctgcag	acggtccttg	480
gggagggcat	ggcctcagct	gggttgcaga	caggtgggc			519

<210> 8221

<211> 4285

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(1727)

<223> similar to gil209752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8221

cttcctctgc	caccatcggg	gaactgggct	gtgaatgagg	ggctctccat	ttttgtcatt	60
ctggtttggc	tggggttgaa	cgtcttcctc	tttgtctggt	attaccgggt	ttatgatatt	120
ccacctaaagt	tcttttacac	aagaaaactt	cttgggtcag	cactggcact	ggccagggcc	180
cctgcagcct	gcctgaattt	caactgcatg	ctgattctct	tgccagtctg	tcgaaatctg	240
ctgtccttcc	tcaggggttc	cagtgcgtgc	tgtcaacaa	gagttcgaag	acaactggac	300
aggaatctca	cctttcataa	aatggtggca	tggatgattg	cacttcactc	tgcgattcac	360
accattgcac	atctatttaa	tgtggaatgg	tgtgtgaatg	cccaggtcaa	taattctgat	420



ccttattcag	tagcactctc	tgaacttggg	gacaggcaaa	atgaaagtta	tctcaatttt	480
gctcgaaaga	gaataaagaa	ccctgaagga	ggcctgtacc	tggctgtgac	cctgttggca	540
ggcatcactg	gagttgtcat	cacgctgtgc	ctcatattaa	ttatcacttc	ctccacccaa	600
accatccgga	ggtcttactt	tgaagtcttt	tggtagacac	atcatctctt	tgtgatcttc	660
ttcattggcc	ttgccatcca	tggagctgaa	cgaattgtac	gtgggcagac	cgagagaggt	720
ttggctgtgc	ataatataac	agtttgtgaa	caaaaaatct	cagaatgggg	aaaaataaag	780
gaatgcccaa	tccctcagtt	tgctggaaaac	cctcctatga	cttggaaaatg	gatagtgggt	840
cccatgtttc	tgtatctctg	tgagaggttg	gtgcggtttt	ggcgtatctca	acagaagggtg	900
gtcatcacca	aggtggtcac	tcaccctttc	aaaaccatcg	agctacagat	gaagaagaag	960
gggttcaaaa	tggaaagtggg	acaatacatt	tttgtcaagt	gcccaaagggt	gtccaagctg	1020
gagtggcacc	cttttacact	gacatccgcc	ctgagggaag	acttcttttag	tatccatatc	1080
cgcatcggtg	gggactggac	agagggggctg	ttcaatgctt	gtggctgtga	taagcaggag	1140
tttcaagatg	cgtggaaaact	acctaagata	gcggttgatg	ggcccttttg	cactgcaggt	1200
gaagatgtgt	tcagctatga	ggtggtgatg	ttagtgggag	cagggattgg	ggtcacaccc	1260
ttcgcaccca	ttctcaagtc	agtctgttac	aaatattgca	ataacgccac	caatctgaag	1320
ctcaaaaaga	tctacttcta	ctggctgtgc	cgggacacac	atgcctttga	gtggtttgca	1380
gatctgctgc	aactgctgga	gagccagatg	caggaaagga	acaatgccgg	cttcctcagc	1440
tacaacatct	acctcactgg	ctgggatgag	tctcaggcca	atcactttgc	tgtgcacccat	1500
gatgaggaga	aagatgtgat	cacaggcctg	aaacaaaaga	ctttgtatgg	acggcccaac	1560
tgggataaatg	aattcaagac	aattgcaagt	caacacccta	ataccagaat	aggagttttc	1620
ctctgtggac	ctgaagcctt	ggctgaaaacc	ctgagtaaac	aaagcatctc	caactctgag	1680
tctggccctc	ggggagtgca	tttcattttc	aacaaggaaa	acttctaact	tgtctcttcc	1740
atgaggaaat	aaatgtgggt	tgtgctgcca	aatgctcaaa	taatgctaata	tgataatata	1800
aataccccct	gcttaaaaaat	ggacaaaaag	aaactataat	gtaatggttt	tcccttaaaag	1860
gaatgtcaaa	gattgtttga	tagtgataag	ttacatttat	gtggagctct	atggttttga	1920
gagcactttt	acaaacatta	tttcattttt	ttcctctcag	taatgtcagt	ggaagttagg	1980
gaaaagattt	ttggactcaa	ttttagaatc	aaaagggaaa	ggatcaaaaag	gttcagtaac	2040
ttccctaaga	ttatgaaact	gtgaccagat	ctagcccatc	ttactccagg	tttgatactc	2100
tttccacaat	actgagctgc	ctcagaatcc	tcaaaatcag	tttttatatt	ccccaaaaga	2160
agaaggaaac	caaggagtag	ctatatattt	ctactttgtg	tcatttttgc	catcattatt	2220
atcatactga	aggaaatttt	ccagatcatt	aggacataat	acatgttgag	agtgtctcaa	2280
cacttagtag	tgacagtatt	gacatctgag	catactccag	tttactaata	cagcagggtta	2340
actgggccag	atgttctttc	tacagaagaa	tattggattg	attggagtta	atgtaatact	2400
catcatttac	cactgtgctt	ggcagagagc	ggatactcaa	gtaagttttg	ttaaatgaat	2460
gaatgaattt	agaaccacac	aatgccaaaga	tagaattaat	ttaaagcctt	aaacaaaatt	2520
tatctaaaga	aataacttct	attactgtca	tagaccaaaag	gaatctgatt	ctccctaggg	2580
tcaagaacag	gctaaggata	ctaaccaata	ggattgcctg	aaggggttctg	cacattctta	2640
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tcatctagtc	ctgctccttg	tgtataaaaa	taaatgcaga	ctaatttcct	gcccaaagtg	2760
gtcttctcca	gctagccctt	atgaatattg	aacttaggaa	ttgtgacaaa	tatgtatctg	2820
atatggtcat	ttgtttttaa	taacacccac	cccttatttt	ccgtaaatac	acacacaaaa	2880
tggatcgcat	ctgtgtgact	aatggtttat	ttgtattata	tcatcatcat	catcctaaaa	2940
ttaaacaacc	agaaacaaaa	atctctatac	agagatcaaa	ttcacactca	atagtatgtt	3000
ctgaatatat	gttcaagaga	gagtctctaa	atcactgtta	gtgtggccaa	gagcagggtt	3060
ttctttttgt	tcttagaact	gctcccattt	ctgggaacta	aaaccagttt	tatttgcccc	3120
accccttgga	gccacaaatg	tttagaactc	ttcaacttcg	gtaatgagga	agaaggagaa	3180
agagctgggg	gaagggcaga	agactggttt	aggaggaaaa	ggaaataagg	agaaaagaga	3240
atgggagagt	gagagaaaat	aaaaaaggca	aaagggagag	agaggggaag	gggtctcat	3300
attggtcatt	ccctgcccc	gatttcttaa	agtttgatat	gtatagaata	taattgaagg	3360
aggatacac	atattgatgt	tgttttgatt	atctatggta	ttgaatcttt	taaaatctgg	3420
tcacaaaatt	tgatgctgag	ggggattatt	caagggacta	ggatgaacta	aataagaact	3480
cagttgttct	ttgtcatact	actattcctt	tcgtctccca	gaatcctcag	ggcactgagg	3540
gtaggtctga	caaataaggc	ctgctgtgctg	aatatagcct	ttctgaaatg	taccaggatg	3600
gtttctgctt	agagacactt	aggtccagcc	tgttcacact	gcacctcagg	tatcaattca	3660
tctattcaac	agatatttat	tgtgttatta	ctatgagtca	ggctctgttt	attgtttcaa	3720
ttctttacac	caaagtatga	actggagagg	gtacctcagt	tataaggagt	ctgagaatat	3780
tggccctttc	taacctatgt	gcataattaa	aaccagcttc	atttgttgct	ccgagagtgt	3840







<400>	8225					
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ccagaagcct	ctctcctgca	attaaaggag	tcgggtctct	aactgttgat	ctgttttttt	360
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aaa						1503

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<210> 8226
<211> 1678
<212> DNA
<213> Homo sapiens
```

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<220>
<221> misc_feature
<222> (406)...(896)
<223> similar to gi3132471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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attttgtgta	gaaaaggaaa	acccatgaaq	ctgaccattg	accatactcc	agaaagaaaa		540



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caaagagaat	gtacggattg	atcatgacat	tccttacctt	cttaggcttg	tttaaaagaa	1260
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```

<210> 8228
<211> 3031
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(918)
<223> similar to gi4200241 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cccggggccc	tcggggcccc	agctccggga	cttcagcagc	atcatccaga	cgtgcagcgg	180
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aactaagcag	gactcaagca	agctacagga	aaatctgcaa	cagttacaac	actccacaaa	300
tcagctcgcc	aaggaaacaa	atgaattgct	gaaagaatta	gggtccttgc	cccttccctt	360
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<210> 8231

<211> 2327

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2145)...(1837)

<223> similar to gi434845 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8231

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<210> 8232

<211> 3343

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3004)...(2499)

<223> similar to gi2773220 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8232

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atataggaaa	cacagagatt	agccagtaca	atagcactga	cattcaggat	gttatcataa	2940
tgcttcttga	ctatgggttc	atagaaacca	atggcttctt	tgtatttgtt	ttcctgcatg	3000
aacagaacat	gagccacatt	caacttcac	acatcatggt	cgttacagaa	ttccacagat	3060
ttgcggaaga	tcttttccac	cattggataa	ttttcaagat	tccagtagat	ttttgcctga	3120
gccatcaaca	caggaatgta	tttctccatg	gtttcatcat	attcattcac	tgcccttttg	3180
atagcttcat	catctctatt	gtgtcttgc	tcctgtactt	gcttggtgag	tctccgaagc	3240
tgctcagtca	gcatccctgc	tagcccatca	agcttaatga	aagcctcttc	aggagctgtc	3300
tggcaagtga	tcagggcac	taaaaagtca	tagagatagg	gtg		3343

<210> 8233  
 <211> 1942  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1943)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1792)...(1317)  
 <223> similar to gi5262816 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8233  
 tttttttttt ttttagaata cctgggtttat tcgggaaaac ttcataatga aaactacaat 60  
 tagctttttc cacaacttac aaaataataa tctgatattt aaaatgaatt ggttttcatt 120  
 atgtaagtcg aaatggtaaa aaatcataat gacctatccg atgcatcata tatatgctat 180  
 tcagagaaac tcaaattcccc gaattctcct gtggcatgtt ttatatcaga catttaaaat 240  
 ctgtttacca agaaagacca ggattttaac tatatgtagg tttctgctta cagttgcaaa 300  
 ctatcagaag cctgtctata tgatagagcc cagataaacc tgagatttag aaaagcaagt 360  
 catttattct cctgaggctg ttttagtggc acttttgtga caagaatgac cctcctaattg 420  
 ctttactaca caacttaacc agatctatca gtcattgata attagacca gtccatcttt 480  
 caatccagtc tactctggtt ctgaacatat aaacacaaaa cactacagat ttattaatat 540  
 agcattttcc cacaccctaa ccctataaag aactttaaaa gagaaaattt catctaaata 600  
 tttcacactt aaaggaaagc cttaccaact atggcaacag gtttggaaca tgaaatagta 660  
 ctttcctaga tgacatatcg agtcaacatg aagccttagc taaaatgaat gattcaggat 720  
 attaatgaga aattctcaca aatgatatgc atttaggaaa tgattttgct ttccttaaatt 780  
 agttcgaagg cttgaaaata aacttttttt ttgcatttct tttagaatgt ttggtcatta 840  
 acaactttta accttatctt cctcttctcc ttagccctta acagaccaag tccattctat 900  
 ttggaaataa caagaacttg atcagattat taaatcttgg aaacctcatt tttaccttat 960  
 aaagtgttaa gtttcacgtg catattctct tacaatatgt gtataaatgt tatggataga 1020  
 tataaggaaa tattggcata gtataggtaa ttagtgaaaa gacacaactt cacaaaacat 1080  
 aataaaagat aaacatgaaa ctataacact acttaaaaaa tattttctcc caaattatatt 1140  
 tagcattttt gactagttta ataatatgaa cactgccaaa aaatgggttc aaagtcgcct 1200  
 ggagaaacag tttcttcttc tggagtccat ctcagcagca gcgattttct cccacattca 1260  
 ttcccaagtt aggcagatgt gtagaagtac ctgggcttgg cattgcccag aaggatcatct 1320  
 tcgtagttgg ggaggcagca gaagaagaag gcacagccga tcaggataat cgtggctgcc 1380  
 caccacaaagc cgtaggccca gttatagatg taagtgaacg cacggttggc atgaagggtg 1440  
 aaggctctggg tgtacttcac ggggtaaatt accaggggaga tgatctggaa cacagcagcc 1500  
 aaggcaagga gacctcaat cactctcagg aagacaagca tctggggtcc acagagggcg 1560  
 aagaaggaga ggatgaaaca gatcaccagg atgatgaagc cacagaagag catggcagcc 1620  
 gctgctctac cccacgcgta ctccatgagg ctctgacagc cctcctcgta ggaccgcgtg 1680  
 ccgccgccct cttgggagca tttccaccac agcaggagac tctggccgtg gtcgctagac 1740  
 tgcaaccagc cgcggccggc cagcgcgatg atgtcgaagg cgatggcgct gagtaggagc 1800  
 aggggcagga tccagcggca gcgctcgag gccaggccgc agcggatcat gttgacgggc 1860  
 ggcgcggggc cgagcggagc ggagcggagc gggctcggag agcgcgcggg acgggcgaca 1920  
 gcagagagtg gccttgcgag cg 1942

<210> 8234  
 <211> 1232  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (102)...(740)  
 <223> similar to gi23911 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8234  
 ggggagggtg acgcactagc tctccagttc gcccgttcct ggcctgaccc ccaccaaggc 60  
 ccataccgct gtaggctcct cgggctgccc ctcggttgac aatgggtctcc aggatgggtct 120  
 ctaccatgct atctggccta ctgttttggc tggcatctgg atggactcca gcatttgctt 180  
 acagcccccg gaccctgac cgggtctcag aagcagatat ccagaggctg cttcatgggtg 240  
 ttatggagca attgggcatt gccaggcccc gagtggaata tccagctcac caggccatga 300  
 atcttgtggg ccccagagc attgaagggtg gagctcatga aggacttcag catttgggtc 360  
 cttttggcaa catccccaac atcgtggcag agttgactgg agacaacatt cctaaggact 420  
 ttagtgagga tcaggggtac ccagaccctc caaatccctg tcctgttgga aaaacagcag 480  
 atgatggatg tctagaaaac acccctgaca ctgcagagtt cagtcgagag ttccagttgc 540  
 accagcatct ctttgcaccc gaacatgact atccaggctt gggcaagtgg aacaagaaaac 600  
 tcctttacgg gaagatgaag ggaggagaga gacgaaagcg gaggagtgtc aatccatata 660  
 tacaaggaca gagactggat aatgttggtg caaagaagtc tgtcccccat ttttcagatg 720  
 aggataagga tccagagtaa agagaagatg ctagacgaaa acccacatta cctgttaggc 780  
 ctacagcatg cttatgtgca cgtgtaaatg gagtccctgt gaatgacagc atgtttctta 840  
 catagataat tatggataca aagcagctgt atgtagatag tgtattgtct tcacaccgat 900  
 gattctgctt tttgctaaat tagaataaga gcttttttgt ttcttgggtt tttaaaatgt 960  
 gaatctgcaa tgatcataaa aattaaaatg tgaatgtcaa caataaaaag caagactatg 1020  
 aaaggctcag atttcttgca gtttaaaaatg gtgtctgagg ttgtactatt ttggccaagt 1080  
 ctgtagaaag ctgtcatttg attttgatta tgtagttcat ccagcccttg ggcatgtgta 1140  
 tacaccagta aagaaggctg tactcaagag gaggagctga cacatttcac ttggctgcgt 1200  
 ctaataaac atgaatgcaa gcaaaaaaaaa aa 1232

<210> 8235  
 <211> 6517  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (226)...(2264)  
 <223> similar to gi3043592 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8235

cctaaattag	gttgtagttc	accacttgta	gaggcagctt	caggccaaat	ttaatttaat	60
ttaataaact	aatgaaataa	ataagggaga	gtctgattca	gttgaattgt	atttgagggtt	120
agaaatgttt	atttttaaagt	tcaccagagg	atttaaataat	acactgaagt	ttaagaatca	180
ttgctgtaca	aaggtgaaaa	ataacatgct	cttttaattt	tgtagtctgt	caagaactac	240
accaaattgtc	atgtgagaaa	tgagcagatt	tgtaacaaac	ttaccagctg	taaaagctgt	300
tcactaaact	tgaattgccca	gtgggatcag	agacagcaag	aatgccaggc	tttaccagct	360
catctttgtg	gagaaggatg	gagtcataatt	gggatgctt	gtcttagagt	caattccagt	420
agagaaaact	atgacaatgc	aaaactttat	tgctataatc	ttagtggaaa	tcttgcttca	480
ttaacaacct	caaaagaagt	agaatttggt	ctggatgaaa	tacagaagta	tacacaacag	540
aaagtatcac	cttgggtagg	cttgccgaag	atcaatatat	cctattgggg	atgggaagac	600
atgtctcctt	ttacaaacac	aacactacag	tggcttcctg	gcgaacccaa	tgattctggg	660
ttttgtgcat	atctggaaag	ggctgcagt	gcaggcttaa	aagctaatac	ttgtacatct	720
atggcaaagt	gccttgctctg	tgaaaaacct	gttgtagtgc	caaatcaaaa	tgcgaggccg	780
tgcaaaaagc	catgctctct	gaggacatca	tgttccaact	gtacaagcaa	tggcatggag	840
tgtatgtggt	gcagcagtac	gaaacgatgt	gttgactcta	atgcctatat	catctctttt	900
ccatatggac	aatgtctaga	gtggcaaaact	gccacctgct	cccctcaaaa	ttgttctgga	960
ttgagaacct	gtggacagt	tttggaacag	cctggatgtg	gctggtgcaa	tgatcctagt	1020
aatacaggaa	gaggacattg	cattgaagggt	tcttcacggg	gaccaatgaa	gcttattgga	1080
atgcaccaca	atgagatggt	tcttgacacc	aatctttgcc	ccaaagaaaa	gaactatgag	1140
tggtccttta	tccagtgtcc	agcttgccag	tgtaattggac	atagcacttg	catcaataat	1200
aatgtgtgcy	aacagtgtaa	aaatctcacc	acaggaaagc	agtgtcaaga	ttgtatgcca	1260
ggttattatg	gagatccaac	caatggtgga	cagtgcacag	cttgtagatg	cagtggccat	1320
gcaaatatct	gtcatctgca	cacaggaaaa	tgcttctgca	caactaaagg	aataaaagggt	1380
gaccaatgcc	aattatgtga	ctctgaaaat	cgctatgttg	gtaatccact	tagaggaaca	1440
tgttattaca	gccttttgat	tgattatcaa	tttaccttca	gcttattaca	ggaagatgat	1500
cgccaccata	ctgccataaa	ctttatagca	aaccagaaac	agtcgaacaa	aaatctggat	1560
atatcaatta	atgcatcaaa	caactttaat	ctcaacatta	cggtgtctgt	cggttcaaca	1620
gctggaacaa	tatctgggga	agagacttct	atagtttcca	agaataatat	aaaggaatac	1680
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gtgtacgtca	gcaacttttc	ctggcctatt	aaaatacaga	ttgcattctc	acaacacaat	1800
acaatcatgg	accttggtgca	gttttttgct	accttcttca	gttggttccct	atccttattg	1860
ctggtggctg	ctgtggtatg	gaagatcaaa	caaacttggt	gggcttctcg	acggagagag	1920
caactgcttc	gagaacgaca	gcagatggcc	agccgtccct	ttgcttctgt	tgatgtagct	1980
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ccaattgccca	ttgaaccatg	tgctgggaac	agagctgctg	ttctgactgt	gtttctttgt	2100
ctaccacgag	gatcatcagg	tgccccctcc	cctgggcagt	caggccttgc	aattgccagt	2160
gccctaatag	atatttcaca	acagaaagct	tcagatagta	aagataagac	ttctggagtc	2220
cggaatcgaa	aacacctttc	aacacgtcaa	ggaactgtg	tctgagaaat	ggaaaccgct	2280
cctgtatatt	ctgtactgtt	ttacttcggg	cttctgttaa	agctgttcta	tggccttgga	2340
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caatgaccca	ggtggccaaa	gaatgttcat	gagttttata	aaagtattga	tggtcacagg	2460
tgataaagtc	agtttttacc	actatcttag	gcttattata	gctaacatta	aattactctg	2520
gaaaaagatg	tatattgttt	cttaatgaag	atgaaaaata	tgtaattcat	ataaatcaac	2580
tgtttatatc	ccaagacttt	aaagaaagac	attttttaat	gcctgaatga	tgagaattgt	2640
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gaggaatgtg	acagctttcc	gcctaactag	gaatgcagac	caggaatgag	ttccaactca	2880
ttctgtggca	actttcacag	gggggtttta	tttggaatgc	tcagtgtaga	ggacattcct	2940
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gtccagcgat	cagttgttcc	cctccttcca	aaaacagcct	ccaataccac	aacctgaaaa	3060
gagccgaaat	ggttatttta	cagcatacaa	gcttctgctc	cagtatgata	atttttaatt	3120
gcctaagaat	cattggatca	gacctaaatg	atccatctgc	atttttataa	gaatggatct	3180

tctcttgcgc	tctctctcct	agctgctaga	ttttaactac	cttttacaaa	tgttacaaaa	3240
tgtatttttag	aggcgacatc	tctcaagatg	acctgagttc	cttcctgcca	actgttccac	3300
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cacgagcgca	tccatgtcct	gagaaaaagt	ctgtggttta	gaaaatatgt	ccatggttgc	3420
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aatattgact	tctctcatga	aaaaataaat	tgatgaaact	aatgattaca	aagatataat	4320
catttttttaa	aaagtgattg	cccaatgtat	ttctctaaca	attgtcacaa	gagaaagcat	4380
aacaataaaa	atacaaaaaac	atacagattt	agatgtaaaa	tctatataag	ctatattttt	4440
agggaggcta	agcagatagt	attactgtgg	aagaattatc	aagttttatt	cacctcaaat	4500
ccactgggt	tcttaaaact	tgaaaattca	aattgtagag	aattatgaga	cacaatgtga	4560
tgtttagtta	aagtcatgct	atacctttct	gggccacata	ttgctaactc	tgtgggcta	4620
tatgcaatta	atttctcaacg	tatcaaagct	tttactggc	agtaaattct	ttgccctcag	4680
tggaagtgga	ttgaaaagac	atcaaggatc	aaggataatc	actttgaatc	tgttggtttt	4740
tgcccctaca	ttccagacac	tttaaatttg	gatgctttca	ttttttttaa	atcaaacac	4800
acaaatatgc	agatactttc	ccagaatttc	gcagttaaat	ggctgatcct	cttgaaaact	4860
aaccttaatg	gaattctaaa	catttcagtt	tagaatgact	ttgaaaaatt	ccttagattt	4920
ttaggatggt	ttattctgcc	aagtatgaaa	aaaaaatggg	taaatacaat	ggagttttaa	4980
aaattaacct	ggggattcta	tttgaactag	aaaattccta	ttggaaaaga	atttgcacat	5040
acttacagat	tcagctaata	aattttaaga	ggattaggat	tctcataatt	ctttaaatga	5100
aaatttggtt	tagtgataca	cagagatgcc	gtatactata	gtgttatggt	cagtaggaaa	5160
acttcaaata	gttcgtattt	aaaaaggtaa	ttgatccttg	ctgtacttcc	caacatctca	5220
tcttctttta	gctgcagcaa	gatagagggtg	actgtatggc	tacagtccat	ggtataagag	5280
catttagggt	gcacactggc	acacaggctg	gaaaacgggc	actggaccca	gctttcaggt	5340
gtgtggtgct	gggtaagttt	cacctttgaa	gcctcagcct	tccatctgta	aagggcggta	5400
atggtgccca	cctttcgagg	cattgcgagg	ctagatggta	acacacagaa	agctcccaca	5460
gtgggacctt	gatgcagcgt	agctgggtatt	aacaaccgtg	gggacaccag	gccactcttt	5520
tctaccaggt	tgttttatga	atccacctat	taattttcat	ccatcttttg	gtcgtaggta	5580
aaggtcaatc	aggtttttca	aaaagactcc	ctgaataact	taagttcctg	tatttctaag	5640
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aaatctatag	tttttaggaga	gtttttctta	aaattactga	ctgatgacat	tgagacaaga	5760
gcatcaatga	tcacctttca	cgtacaaaact	aggcaagaca	gggtcagtg	ttacattttg	5820
tggttatata	tgatacatct	tttctcagtg	aacataaaaac	tatgatttga	aagggtgtctt	5880
atatttaaaa	aagattgtaa	aatgaaaact	gaccaaataga	actaattcta	cccacctatg	5940
gtcttttttaa	atgtcgagtt	tcaaaaacca	tttgccgtat	actagagtga	gcttggaaac	6000
ttacctgatt	acaggaattg	cttgggttca	ggcagattcc	cactttcacc	tctagagatt	6060
tagattcaga	aacactgggg	taggccctgg	agagcagtag	tcttaacaag	ctcctcagtg	6120
cttcttacca	ttaggcaaat	tagggaaaaca	ctgcattggg	tcaaagtgt	gcctttaatc	6180
gaccattaga	gggagttctc	taaataacaa	agttattact	ctaattcaaa	atgcttttaa	6240
gaattttcca	aggaatacaa	gccactctgg	tgggtgttagt	tatagcagtg	atttcattag	6300
agtgtacatt	taacatttta	gttttatcaa	aattttttga	aattaagaat	tagaaccaga	6360
gtcctatca	gtatatatgt	acacaggtgt	gcatgccagt	gttcaaaaca	gattgtgtaa	6420
aagttcaagc	ccgtttttaga	aagccaacat	tttatgttat	aatatgctgt	taatcaggac	6480
ttatttaa	aaaaacattg	gctcttccaa	ccccac			6517



<210> 8236  
 <211> 1481  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (260)...(340)  
 <223> similar to gi2065169 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8236  
 ctgtatattat tacataatat ttaaattggtt ggttatgatt ctagtttttct aacaattttct 60  
 gtaatgtatc tttcccttcg tctattttact aactgtctga aaccttatgg ggaaggtaca 120  
 aggggcgtgg tggattaaga catccactgc tttttaccca gcaggatata tctgtgtctc 180  
 taaggacccc aggtgagggg agaatatcaa tttatgattc ctgggtgcag caagtcccca 240  
 cccccacttt tctcttttag ctccccatcc agatcagcca gagttcaccc ctgtccaaga 300  
 tgagctggaa gccatggaac tgtggggccc tggagtctga tagcctcagg agaaatttga 360  
 agaccaactg caagaactct taaggaaatct tgtttgagaa aatgttgtta tgtggtttgt 420  
 atgctacttt tggggggcag ggctcatttc agcagcctaa atctcctcct tggataatgt 480  
 taatattatt attattatta acaaaaaata tatattttta aaaagttccc ttaatctatg 540  
 acatggtagc aatgattttcc ctttggtgtc ttaatggcat gtcagataat ttgtttttcc 600  
 agagaagaga gctcaaagag gaattgggaa aaataaattg aactctggaa tcttctctct 660  
 caagtcctaa aatgaacaaa cagatatgat tgtgtttgag ggaaatatgt ccctagcagg 720  
 aaaagaattc aaagagggtc aaagaatatg tcaacttactc ctacttgcta taggaataac 780  
 cttgctgata agaaaaaaag ggacaatatt ggagaaacta cctcttgttt aattgatctg 840  
 tccaactctg agatcacttg gtaactgggt tcatgtgtat ccaaaaatca gcatttggtat 900  
 ttaagctttc tgaatttggt tagtttaaga aacagattta gttttttcag tgggttttaa 960  
 ctgcatgtga aataatgatt ttccaccagc tctgatgcaa agagatataa ttttaatgaa 1020  
 cgatttatcc agcagtttgt tccaggggtt gcctctcctt atctacgggg attactttgt 1080  
 acatgcagat aagttttcgc aaacctatct ccattttctt ttgtaagcaa ataaaacttt 1140  
 aaaacaatgt atgtggattc tttttcctgc atttctaagt atcaccttaa gctttttag 1200  
 tcttaactga gtgtccacca gaaagacaac agttgtcttc ctttaggtta gcattcaaac 1260  
 tttcattcat tctgtttact actcactcat tcattcattc tgagtgcagt agaaaacaga 1320  
 agaagcagtt aacttgggac taagagatta gcgacatttt attgttcatt tataatctag 1380  
 caggcagcaa agacctgca aatgcatgac ctctgctaaa taaatgttta tcaatagttg 1440  
 actgaggagc ccacctatct tctgatattg aggaaagcct a 1481

<210> 8237  
 <211> 2321  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (7)...(1209)

<223> similar to gi3687322 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8237

acgggggagc	cggggcgccg	gggggcccgc	gcgctgctag	cgctgctgtg	cgtggcctgc	60
gcgctgcgcg	ccgggcgcg	ccaatacgaa	cgctacagct	tccgcagctt	cccacgggac	120
gagctgatgc	cgctcgagtc	ggcctaccgg	cacgcgctgg	acaagtacag	cggcgagcac	180
tgggcccaga	gcgtgggcta	cctggagatc	agcctgcggc	tgcaccgctt	gctgcgcgac	240
agcgaggcct	tctgccaccg	caactgcagc	gccgcgccgc	agcccagacc	cggcgccggc	300
ctcgccagct	atcccagagc	gcgcctcttc	gggggcctgc	tgcgccgcgc	gcactgcctc	360
aagcgctgca	agcagggcct	gccagccttc	cgccagctcc	agcccagccg	cgagggtgctg	420
gcggacttcc	agcgccgcga	gccctacaag	ttcctgcagt	tcgcttactt	caaggcaaat	480
aatctcccca	aagccatcgc	cgctgctcac	acctttctac	tgaagcatcc	tgatgacgaa	540
atgatgaaga	ggaacatggc	atattataag	agcctgcctg	gtgccgagga	ctacattaaa	600
gacctggaaa	ccaagtcata	tgaagcctg	ttcatccgag	cagtgcgggc	atacaacggt	660
gagaactgga	gaacatccat	cacagacatg	gagctggccc	ttcccagactt	cttcaaagcc	720
ttttacgagt	gtctcgcagc	ctgcgagggg	tccagggaga	tcaaggactt	caaggatttc	780
tacctttcca	tagcagatca	ttatgtagaa	gttctggaat	gcaaaataca	gtgtgaagag	840
aacctcacc	cagttatagg	aggctatccg	gttgagaaat	ttgtggctac	catgtatcat	900
tacttgagc	ttgcctatta	taagttgaac	gacctgaaga	atgcagcccc	ctgtgcagtc	960
agctatctgc	tctttgatca	gaatgacaag	gtcatgcagc	agaacctggg	gtattaccag	1020
taccacaggg	acacttgggg	cctctcggat	gagcacttcc	agcccagacc	tgaagcagtt	1080
cagttcttta	atgtgaccac	actccagaag	gagctgtatg	actttgctaa	ggaaaatata	1140
atggatgatg	atgagggaga	agtgtgggaa	tatgtggatg	acctcttgga	actggaggag	1200
accagctagc	ccacagcaac	caaagagact	tcctcttggc	gttcaggaaa	cacagattct	1260
ttgtcctttt	cccaacagcc	caggctgttg	atacctcaga	gccttctctt	tactctccaa	1320
agtgaagg	aagccccgt	ctctctaact	gcatgtcatc	aggggtgagc	ctgcctttcc	1380
tatcttcaca	cctgccacct	catgttcaca	cctatctttc	tcaccttttt	tttgagatgg	1440
agtctcgctc	tcttgcccag	gctggagtg	aatggcacgt	tctcagctca	ctgcaacctc	1500
cgcctcttgg	gttcaagcaa	ttctgctgca	tcagcctccc	gagtacctgg	gattacaggc	1560
atgtgccacc	acgcccggct	aattttgtat	ttttagtaga	gacgggggtt	tgccatgttg	1620
gccaggtcgg	tctcgaaact	ttgacttcag	atgatccatc	tgccttggcc	tcccacagtg	1680
ctgggattac	aggcgtgagc	caccatgccc	ggcctctttc	tcacctttac	acctgtcttc	1740
ttatcctcac	atctgttttc	acaccttcat	ccctgtcttc	ctcatgttca	cacttgtctt	1800
ccccatgttc	atagctgcct	ttcttaccat	tttggtttga	agggcagctc	tctctggcct	1860
gtttttttgt	ttttcccaga	aaatcagtat	tattttttta	ataagaaaaa	cattcctaga	1920
agatgataat	tgtgaaaacc	tcctttggct	tatttgcttt	tccagatttt	agtctccttt	1980
ctccccatcc	gggaaagatg	gtggaagaca	taggctaaat	ttctccagcc	tcacaatggg	2040
cttcacttgg	tctgacttgt	accaattcta	gcacccactg	aaaaacaagt	tgagtagaga	2100
gtgtagagtg	cagaaatgtg	gcttttgccc	cactttgcat	ctccaaaatt	acaacgggtg	2160
gccgatccca	tttgaggaca	atgcttagtt	ataagtctcc	gagttggaaa	aggaagaaag	2220
ccagagctgt	ctagtttcat	tcattctttc	agtaaataat	tattgagtag	ctactgtgtg	2280
ctaggcattg	acctgggaac	tagagatact	tcacagaata	g		2321

<210> 8238

<211> 1318

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (56)...(966)  
 <223> similar to gi4239974 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8238  
 gtggttccaa agccctctca ggcaggcaga cccagggcct ccccgccaca ccttggttcat 60  
 ggattttgtc gctggagcca tcggaggcgt ctgcggtgat gctgtgggct accccctgga 120  
 cacggtgaag gtcaggatcc agacggagcc aaagtacaca ggcatctggc actgcgttcg 180  
 ggatacgtat caccgagagc gcgtgtgggg cttctaccgg ggccctcttg tgcccgtgtg 240  
 cacggtgtcc ctggtatctt ccgaggtttt tggcacctac cgccactgcc tggcgacacat 300  
 ttgccggctc cggttcggta accctgacgc caagcccacc aaggccgaca tcacgctctc 360  
 gggatgcgcc tccggcctcg tccgcgtgtt cctgacgtcg cccactgagg tggccaaagt 420  
 ccgcttgacg acgcagacac aggcgcagaa gcagcagcgg cggctttcgg cctcggggcc 480  
 gttggctgtg ccccccattgt gtctgtgtcc cccagcctgc ccagagccca agtaccgcgg 540  
 gccactgcac tgccctggcca cggtagcccg tgaggagggg ctgtgcggcc tctacaaggg 600  
 cagctcggcc ctggtcttac gggacggcca ctcccttgcc acctacttcc ttccctacgc 660  
 ggtcctctgc gagtggctca gccccgctgg ccacagccgg ccagatgtcc cgggcgtgct 720  
 ggtggccggg ggtctgtcag gagtccctggc ctgggctgtg gccacccccca tggacgtgat 780  
 caagtcgaga ctgcaggcag acgggcaggg ccagaggcgc taccgggggtc tcctgcactg 840  
 tatggtgacc atcggttcgag aggagggacc ccgggtcctt ttcaaggggc tgggtactcaa 900  
 ttgctgccgc gccttccctg tcaacatggt ggtcttcgtc gcctatgagg cagtgtctgag 960  
 gctcgccggg ggtctgtcca catagccggg cccacgccc agcggccccc ccaccagcag 1020  
 ctgctggagg tcgtagtggc tggaggaggc aaggggtagt gtggctgggt tcgggacccc 1080  
 acagggccat tgcccaggag aatgaggagc ctccctgcag tgttgtcggc cgaggcctga 1140  
 gctcgccctg cccagctact gacctcaggt cgaggggccc gccagccatc agccagggtt 1200  
 ggcctagggg ggcaggagcc agggaggagt gggcctcttt gatgagagcg ttgagttgca 1260  
 tggagtcggg tgttcatccc agcctcccca tggccctcgc ctcccatgtc tttgaagc 1318

<210> 8239  
 <211> 1235  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (48)...(392)  
 <223> similar to gi624961 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8239  
 gccttgagag gctctggctc ttgcttctta ggcgggccga ggacgccatg gccgagtgcc 60  
 cgacactcgg ggaggcagtc accgaccacc cggaccgcct gtgggcctgg gagaagtctg 120  
 tgtatttgga cgagaagcag cacgcctggc tgcccttaac catcgagata aaggataggt 180  
 tacagttacg ggtgctcttg cgtcgggaag acgtcgtcct ggggaggcct atgacccccca 240  
 ccagataggg cccaagcctg ctgcctatca tgtggcagct ctaccctgat ggacgatacc 300  
 gatcctcaga ctccagtttc tggcgcttag tgtaccacat caagattgac ggcgtggagg 360



```

cctccccctgc cccaggaacc ctggcctcac caaaacagca gcagctcgtt ggctccaaaa 1080
ccagggagca gaccatgccc tcccaaccct ggagttgtca gggagggcct gcccatcacc 1140
tccctctccc caacatcccc accctcgagt tggaaataaa gagcatttgt anaaaaaaaa 1200
aa 1202

```

```

<210> 8241
<211> 852
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (700)...(307)
<223> similar to gi3875398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8241
tttttttacc ccattgtaga agaggaataa tttatttcta taaggatttt aataatgttc 60
cctaagtaat tagtaatcaa gattttcttc aaattcaaata taacaaatat gtttgtaaat 120
ctaaataata tacataattta tgtattttata tatgtatata ttttaattctt tctgtaattc 180
agtctttaac tgtgaacttt tacatgatgg aagcagtga ggactcaatg tcatagtaca 240
ttttgatagt atttgatagg ctttttcagg tcaattaatt tagttgcttg caaatataaa 300
tcaagcttgc tccagttcca caaggactcc accacagtct ttaggatgga gaaaaatcac 360
tggttttcca tgtgctccta ttttgacctc ttcaactaga ctgcggatct tctttttttt 420
caaatccatc acagctgcat taatattatc cacctcgatg cagatgtgat gcattcctcc 480
agccttgttt ttctgcagaa aacctgcaat tggactgtca cgtcccaatg gatgaagcag 540
ttccatcttg gtatttccca ggttgacaaa aacaacagat actccatgtt caggaagagg 600
gaccgcttca cttacctggg cccccagaat attcttataa aatgctgcag cctttttcaa 660
atctggcact gctatggcta catgggttgag tcgacccagg ttccacacag aacctgtcac 720
ttgatccaag ggctgtgatg tggaagaagc tcttactgtt ggaatgggag cttgaagtct 780
ggaaaaaagc cctacggcat tcgcggctgc agccttcagc acccgctcgt gccgaattct 840
gggcctatac gg 852

```

```

<210> 8242
<211> 1593
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1100)...(779)
<223> similar to gi3820618 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

&lt;400&gt; 8242

```

cttctgtgaa acatggattc atagtgtcc ctttgtgcc ttacagaata tctcacttat    60
attgaagaat tgacttctct tcacagaggt cttttcctac tgaaaaactt ccttaaaaga    120
gaaaaatatt ctaaataatac ttctagaaat gacaatgtct ttgttgattg acttagattc    180
agtttatttt aattacatat attgtttgat ctaatgaagt gttacggcag gacagaaggg    240
tgaaattaaa aatctgaaag aaatctttta taatcttata tacttaaaaa agtagtatgc    300
aaactgacag aagaagtatt ttattttatt ataatatcat tttgtaaaca atcacactgt    360
gcactttttt attcaacaat aagaacaatt tttttctagg gatttatagc aaaccctata    420
taaagtgaat gacttaatac acgagtgaag atcgactagg gtagaataat ttctgaaaat    480
gtcaaattac agcacttgat acaaagactg atgataacta tctgtaccat aaaaatttac    540
atgccacgaa aacattaatt tataatttta aatatacagt aaaacatagt tataaaaaga    600
gtattacatt tattataaac cagtgaatta ctacagagaaa tattttattaa aacctactaa    660
aaaccagtaa atattgcaac tgaggtaaaa atttataagt aaacaaaact atcattttata    720
aggaccaaga agtaaacaaa agggcagaca ttttctgatg actgtgtcta ctccttgata    780
ttttgaagca gcttcaacaa atgtgactca ataacctgtt gaacacttct atagcctagg    840
gctacagcta gatccataga attatatcca gagtcagttt caattgttgg atcagcccca    900
ctttctaaga gcatctttac acatttcaca tgatttccat gtacagcata aagcagaggt    960
gttcctccat tccaatcata ttcatTTTaca tcaactccac aatcaagcag cattttgaca   1020
atatctgtgt agcctttact acaggccaac gacagtgcac tttctcgacc ttttcctaaa   1080
agttggggat cagcaccctg gtatgggaag tagagataaaa agacttctca attagtttaa   1140
acaagaatat tgttattcct gtcaacaata attatagttc aacactaggc ctggtaatgt   1200
tctgggctta ataaagaaat aatggaaact tttactcatg gatgctttta ttgagattgc   1260
ctggatgcct tccttccctc gtccctgtatc aatcctaatt atcctttcac tctggagtca   1320
agtcacagct cctccatgaa gccttctcct tcaaagctga cagtacttct gttcccgctg   1380
gatgtagagg ggtctgggcg ttaaattatt tctcactgtt gcatgtatga ttagtcttgc   1440
cttcccaact agatccaagt tccacaagaa tatgaaaagc attaaaactt ttttggtagc   1500
ctctaccatt atatctagct ggctggatat ataaaaactc tactaaagac ttaacttaag   1560
taactataca tatacatTTT ctgaggcatt ttc                                1593

```

&lt;210&gt; 8243

&lt;211&gt; 647

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (32)...(292)

<223> similar to gi510991 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 8243

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tttcgttggc gctttatagc tacacagtgc tatgccagag ccagcgaagt ctgctcccg   60
cccgaaaaag ggctccaaga aggcggtgac taaggcgcaa aaaaaagacg gcaagaagcg   120
caagcgcagc cgcaaggaga gctattccat ctatgtgtac aaggttctga agcaggtcca   180
ccctgacacc ggcatttctg ccaaggccat gggcatcatg aattcgtttg tgaacgacat   240
tttcgagcgc atcgcagggt gagtggtgga aacttctcag caggcgcac taccactagt   300
acctgaggag agaaacccta accccacaat ggctgcatct tctctgaaga cgagactgat   360
gctcatcttt gaaatgaagg gcagtgtgtg catttctcca tgaaggatc cagaaacagc   420
catgccagag ctgctgtggg gtggctgaac tgctattcct tttctagggt gggatcccca   480

```

ctcttttgtaa	ggaaggatat	tggggtcctg	acactgggaa	ctcatcttgt	cagtgaggcc	540
ttctttaact	gctgtcttgt	aattgagcca	ccccatctgt	gtttcctgtt	ccaatttagg	600
actttttttt	ttttatcata	atataaagat	ctgaaatgct	aaaaaaa		647

<210> 8244  
 <211> 1674  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1058)...(536)  
 <223> similar to gi5105604 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8244						
agattaattt	agataaccta	gtgggttaata	tgctcatgaa	catcagcaac	aaccgtgcat	60
tccttggcag	atgggatgcg	atggaaacca	aaggtttcct	taaggcaagc	acttcacaac	120
tagttttctg	tcaattcttg	cgtaaatacac	attctgtatt	catacaaaaa	ctttgttttt	180
ctctgacaaa	ctgtacacat	agaaacaaat	ttccaaatgg	acaggaactt	aaatttgtgg	240
agatgccccca	tgtcttgtga	gacttaaaaa	aaaagaaaaa	gatcccagct	tttatcttca	300
caaaacaaca	tgggagttgg	ggcaatgagg	gtggacagga	cagggccagc	caggctggta	360
gctggcagca	gtctcttcat	cttgaagacc	tcattgaggg	ttcctgggat	tcagggtgcc	420
agaaaagagt	tcagggctac	aatggtgcag	gcttcctttt	gtttctcttg	gtgagtccac	480
aagaagttct	tacatactgt	ccagagaggc	ctcagggtag	tcagttccag	cttctaccga	540
ccccttccac	caccccgtag	agctcctcgc	ctcggcgggc	cagagttcat	gttactccct	600
ctaccccagt	tactgccact	ccggccccct	cgagaagggg	tgccactgcc	tggagggccc	660
ccaaaagggt	catctctgtg	gtatccatcg	tgggtgctctc	cgtctaagga	gctggaaacgc	720
ccagatttgg	gcactctctg	agcaggctct	gggccccctc	ggcctttgcc	tcctcgggtct	780
tcagaagggc	ctcctggggc	ctccatctct	ctgtgctcag	aagtgcctgg	gccatcatgc	840
caggggcgct	ttcggggagg	tagggatgcc	atgtccatgc	cttggagaga	agaggagcgt	900
tctctgctgg	ctggggaatg	accgtcgtga	gggggatgat	cagggcgggg	agtatcacga	960
aaatgttcat	gacctggccc	aggctctctg	tttccatccc	aggaatctgg	cttccgccct	1020
ccttcaaagc	gaggggaactc	gtcaggagtg	ggaagtaaac	ccttccttcc	tcctcgtggg	1080
gtaccccagc	ctcgacctct	gagatctcgt	cctcggggccg	gcttctctcag	aagcatcaaa	1140
attctcctct	ggaccaaagt	ccttcaggac	caggaaaacc	atcccttccc	tctgggggga	1200
gcacggccct	catgcctcgg	cggggctcct	cttctgaaac	tttcttctct	gcgccctcga	1260
aaacgtgggt	cctcgggatc	ccgggggaaa	cgttcatctc	cgggcctgcg	gccttcccat	1320
gcccccgag	ggcctcgggc	tgacccccgg	ccatccccct	cgctgaattc	cctgtgatca	1380
gggggaaacg	gaggcccagg	gccccctcgc	ctccacttct	cttcatgcgg	taaaggctct	1440
cctcgccccct	caaattcacg	taaccggtgg	ccaaagcgct	tgtcagggtg	gaagtcattct	1500
ggtctgctga	agtcacggg	gaagtctggg	tgagggccac	gcctatcagg	gggacccctg	1560
cagtctggtc	caccccgcaa	aggccccctc	tcggggccat	gctcaggccc	gccgctctgc	1620
tcatgccgcc	tctctgacat	cgggccccatg	tgatgcctcg	tgccaagctt	ggcg	1674

<210> 8245

<211> 3773  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (63)...(3776)  
 <223> similar to gi2522208 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8245

tttcgtggcc	gcgaggcagg	ggtgagaccg	gcggccaccc	gggagccctc	cgcacccgca	60
ccatgcagaa	gagcgtgcgc	tacaacgagg	ggcacgccct	gtacctggcc	tttctggcgc	120
gcaaggagg	caccaagcgc	ggcttcctga	gtaagaagac	ggccgaggcg	agccgctggc	180
acgagaagt	gttcgccttc	taccagaatg	tgctcttcta	cttcgagggc	gagcagagct	240
gccgcccgc	gggcatgtac	ctcctggagg	gctgcagctg	cgaacgaacg	cccgcgccac	300
ccagggccgg	cgccgggcag	ggaggcgctc	gagacgcgct	ggacaagcag	tattacttta	360
ctgttctttt	tggccatgaa	ggtcagaagc	cactggagct	gcgctgtgag	gaggagcagg	420
atggtaaaga	gtggatggag	gccattcacc	aagccagtta	tgcagacatt	ttgattgaga	480
gggaagtatt	aatgcagaag	tacattcatc	tagttcagat	cgtagagaca	gaaaaaattg	540
cagctaacca	actccgacat	caacttgaag	atcaagacac	agaaatcgaa	aggcttaaata	600
cagagattat	tgctcttaata	aaaaccaaag	aacgaatgcg	accttaccaa	agcaaccaag	660
aagacgaaga	tccagacatc	aagaagatta	aaaaggttca	gagcttcatg	cgaggatggg	720
tgtgcagaag	gaaatggaag	accatcgctg	aggattacat	ttgttctcct	catgctgaaa	780
gtatgaggaa	gagaaaccag	attgtgttca	ccatggtgga	ggcagagtca	gagtacgttc	840
accagctcta	catcctggtc	aatggctttc	tccggccccct	gcgtatggcc	gccagctcca	900
agaagcccc	catcagccac	gacgacgtca	gcagtatttt	tcttaacagt	gaaacaatca	960
tgtttcttca	tgaaatattt	catcaaggac	taaaggcaag	gatagcaaac	tggccccactt	1020
taatttttagc	tgatctgttt	gatattttgc	tccccatgct	gaacatttat	caagaatttg	1080
tgcgtaataca	ccagtacagc	ctgcaagttc	tcgccaattg	taagcaaaac	agagattttg	1140
acaaactctt	aaaacagtat	gaagccaatc	cagcctgtga	ggggaggatg	ctggagacat	1200
tcttgacctta	tcccatgttt	cagatcccca	gatatatcat	cacactccat	gagctccttg	1260
ctcacacacc	ccatgagcat	gtggaaagga	aaagcctgga	gtttgccaaa	tcaaagctag	1320
aggaactatc	cagagtaatg	cacgatgaag	tcagcgacac	tgaaaacata	aggaaaaacc	1380
ttgccatcga	aagaatgatc	gtggagggct	gtgacatctt	gctggacacc	agccaaacgt	1440
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ctaaagggttc	tgggcaagtg	tttgggcacc	tggatttttaa	aatagtgggtg	gagcctcctg	1740
accgtgccgc	cttcactgtt	gtcttggttag	caccctcacg	ccaggagaaa	gctgcctgga	1800
tgagtgcacat	cagtcagtg	gtggacaata	tacgatgtaa	tggtttaatg	actatagtg	1860
ttgaagagaa	ttccaaagtc	actgtgccac	atatgattaa	gtctgatgcc	cgtcttcata	1920
aagacgcac	tgacatttgc	ttcagtaaaa	cactcaactc	ctgcaaagtg	ccccagatcc	1980
gttatgccag	cgtggagcgc	ctcttggaac	gactgcacaga	cttgcggttt	cttagtattg	2040
atttcctcaa	cacctttctg	cacacctatc	gtattttcac	tactgccgct	gtggtgctgg	2100
ggaaactctc	cgacatatac	aagaggcctt	tcacctccat	ccctgtcagg	tcattggaat	2160
tgtttttttgc	taccagccag	aacaacagag	gtgaacattt	ggtggatggc	aaatccccac	2220
gtctgtgtcg	caaattctct	tccccgccac	cactggctgt	gtccagaaca	tcttccccag	2280
tgagggccag	aaagctgtct	ttgacttctc	ccttgaactc	aaagatagga	gcattggacc	2340
tgacaacttc	cagcagtcct	accaccacca	cccagagctc	cgctgcgtct	ccaccaccac	2400
acactggtca	gataccactg	gatctcagca	gaggcctctc	ttctccagag	caaagcccgg	2460
gaacggtaga	agagaatgtc	gataaccac	gcgtggatct	gtgtaacaag	ctaaaacgaa	2520
gcattcaaaa	agcagtccta	gagtcctgcac	cagcggaccg	agcaggagt	gaaagctccc	2580



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ctgcagcgga caccacagaa ctttcacctt gcagatcccc ctcaactcct cggcacctcc 2640
gctatcgaca gcctggagga cagacggcgg acaatgcccc ctgctctgtt tcaccggctt 2700
ctgcttttgc aatagccaca gctgcagcag gacatgggag tccaccaggc tttacaaca 2760
ccgagagAAC atgtgataaa gagtttatta tacggagaac ggctaccaat cgagttctga 2820
acgtcctccg tcaactgggtc tcaaagcacg cacaggatct cgaactcaac aatgaactaa 2880
agatgaatgt cctaaatttg ctagaagaag ttttgcgaga cccagacctt cttccccaag 2940
aaaggaaagc cgccgcgaat atcctcatgg ccctttcaca agatgaccaa gatgacatcc 3000
acctaaaatt agaggatata attcaaata ga ctgactgcat gaaggccgaa tgctttgagt 3060
ccttgctggc catggagctg gcagaacaga tcacctcctt ggaccatgtc attttcagaa 3120
gcattcccta cgaggagttt cttgggcagg ggtggatgaa gctggataaa aacgaaagaa 3180
ctccttacat tatgaaaacc agccaacact tcaatgacat gagtaacctg gtggcctccc 3240
agataatgaa ctatgctgat gtcagctccc gtgccaacgc catcgagaaa tgggtggcag 3300
tggcggacat ctgccgatgc ctgcacaact acaacggcgt gctggagatc acctcggcct 3360
taaacagaag tgccatctac aggtctgaaga aaacctgggc caaggtctct aagcagacaa 3420
aagctctaag ggacaaactt caaaagactg tttcctctga aggaagattt aaaaatctta 3480
gagaaacctt taaaaattgt aacctcctg cagttcctta tcttgggatg tacttgacag 3540
acctggcatt tattgaagaa ggaacaccaa actttactga ggaaggcctt gtcaatttct 3600
ccaaaatgag aatgatata cacatcatca gagagatacg ccagttccag cagacttctt 3660
acagaataga tcatcagcca aaggctgcac agtacttgct tgacaaagac cttatcatag 3720
atgaagatac gctatatgag ctgtcactca aaattgaacc tcgactccct gct 3773

```

```

<210> 8246
<211> 2181
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(556)
<223> similar to gi2739365 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8246
cccctgggtt cgaacacggc acccgactg cgcgtcatgg tgcaggcctg gtatatggac 60
gacgccccgg gcgacccggc gcaaccccc cgccccgacc ccggccgccc agtgggcctg 120
gagcagctgc ggcggctcgg ggtgctctac tggaagctgg atgctgacaa atatgagaat 180
gatccagaat tagaaaagat ccgaagagag aggaactact cctggatgga catcataacc 240
atatgcaaag ataaactacc aaattatgaa gaaaagatta agatgttcta cgaggagcat 300
ttgcacttgg acgatgagat ccgctacatc ctggatggca gtgggtactt cgatgtgagg 360
gacaaggagg accagtggat ccggatcttc atggagaagg gagacatggt gacgctcccc 420
gcgggggatct atcacgcgtt cacggtggac gagaagaact acacgaaggc catgcggctg 480
tttgtgggag aaccggtgtg gacagcgtac aaccggcccg ctgaccattt tgaagccgcg 540
gggcagtacg tgaaatttct ggcacagacc gcctagcagt gctgcctggg aactaacacg 600
tgcctcgtaa aggtcccaa tgtaatgact gagcagaaaa tcaatcactt tctctttgct 660
tttagaggat agccttgagg ctagattatc tttcctttgt aagattattt gatcagaata 720
ttttgtaatg aaaggatcta gaaagcaact tggaagtgt aagagtcacc ttcattttct 780
gtaactcaat caagactggg ggggtccatg ccctgtgtta gttcatgcat tcagttgagt 840
cccaaataaa agtttcatct cccgaaatgc agttccttag atgcccattt ggacgtgatg 900
ccgcgcctgc cgtgtaagaa ggtgcaatcc tagataacac agctagccag atagaagaca 960
cttttttctc caaaatgatg ccttgggggtg gggagtggta gggggaagag ctcccacct 1020

```

```

aaggggcaca cactgagttg cttatgccac ttccttggtc aaaataaagt aactgcctta 1080
atcttatact catggccttg agttacctta tattcaggta tatgtgatat tttgcctggt 1140
ttgttaaaat tgccccattt agattccttc tataattggt cttatagata agtaatttat 1200
atatgagctg tgttagtatt ttttcagtgt gagatctctg gattctttca caataaagct 1260
gttgaatttt aacaggagta ttagtacata aattttctac tcaacaattc cgagatagga 1320
ttatgcctag tttgtcatat cacagaaaaa ctccaagtta acttcatggt ttggaagggc 1380
aggtcgtttt taaagtattt ctttttttaa ctggatgaaa aatcttcatg ttaggattaa 1440
ttttcttaat cacctccaca ctgtacagag gaaactcaag ccttaaattg ttaagtaaac 1500
tctgtctcag ttttaggatt aaaataccca ccggtggtgt gatgatgcca tataccgcag 1560
ggcttgcttc tgtcaagtgt gactctatct cagtaattaa aataagtgt gatctactga 1620
ttttttttaa tggattcatt tctaaatggg cattataaat agagcttggt catttttaag 1680
aacgaaacat tcatatgata aactatcgct ttaaattgcc tttcttgctt catataactt 1740
tttctgtca ggatccttag tgtttgaaac tcctcggtgc gggctggcct cctgcggact 1800
ctagtttcgc ctcttgatg tggcgctgg gatttcttca cttcagagct gtatttttac 1860
aggcaagagt aagttcctgg gcacagtggc tcatgcctgt aatctcagct actcaggagg 1920
ctaaggtggg aggtattcta gagcctggga ggtcgaggct gcagtgcgt gtgattgtgg 1980
ccactgcact ccagcctggg tgacagagcg agactctgtc tcaaaaaaga agaaagagta 2040
agagctgagg catataatag aattctgcta aagcacttaa ggtgaaatca cattttcttt 2100
tcccaggatg ttgtcacat ctttcgtttt tattgaggtg tcatttatat acaataaaat 2160
gtactcattt tcagtgttaa a 2181

```

```

<210> 8247
<211> 3967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(3783)
<223> similar to gi3882339 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8247
gtaattcccg ggtcgacgat ttctgtgacag cagtgaatct gtcagtgaag atgatgagga 60
agaagagaag ggtggcacc atgtcaatga tgtcttaaac cagcgtgacg ccttgggcg 120
ggtccttgct aacctaaacc accctccaga ggaggaaaat gtcttccttg cccacagtt 180
ggcacgggct gtgaaacctc atcagattgg cgggatccgg ttcttttacg ataacctagt 240
ggagtctctg gagaggttta agaccagcag tggctttggc tgtattctgg ccacagcat 300
gggtctgggg aaaactttgc aagtgatctc ttcatcgac gtcctcttcc gccacacgcc 360
agccaaaaca gtccttgcca ttgtgccggt taatactctt cagaattggc tggcagagtt 420
caacatgtgg ctccacctc ctgaagccct cccggctgac aacaagcctg aagaagtcca 480
gcctcggttc tttaaagttc acatcttgaa tgatgagcac aagacgatgg catctcgtgc 540
taaagtgatg gctgattggg tgtcagaggg tggcgtgctg ctgatgggg acgagatgta 600
cagactcctc actctgaaga aatcatttgc cacaggtaga cogaagaaaa ccaagaagcg 660
ttctcaccca gtcattcatt atctagatga ggaagatcgg cagcaggagt ttcggagaga 720
gtttgagaag gctttatgcc gccctggccc tgatgtagta atctgtgat agggacaccg 780
catcaaaaac tgccaggcca gcacctcaca ggctctgaag aatatccgt ctcgccgccg 840
ggtggtgctg actgggtacc ctctgcaaaa caacctcatt gagtactggt gcatggtgga 900
ctttgtgcgc ccagacttcc ttggcaccgg gcaggagttc agcaacatgt ttgaacgccc 960
tactctgaat gggcaatgta ttgacagcac acctcaggac gtccgcctca tgcgggtaccg 1020

```

gagccatgtc	ctgcacagtc	ttctggaggg	ctttgtgcag	aggagaggcc	acactgtgct	1080
gaagattcat	ctccctgcc	aggaagaaaa	tgtgatcctt	gtgcggctct	ccaagatcca	1140
gcgagatttg	tatacacagt	tcatggatcg	cttccgggac	tgtggtagca	gcggttggt	1200
ggggctgaac	ccccttaagg	cattctgtgt	gtgttgcaag	atctggaatc	accctgatgt	1260
gctgtatgaa	gcccttcaga	aggagagctt	ggccaatgag	caggacctag	acgtggaaga	1320
acttggtctt	gcagggacca	gtgcccgtct	tccaccacag	ggaacaaaag	gcaagggaga	1380
ggatagcacc	ttggcttcct	cgatgggaga	ggcaaccaat	agcaagtcc	tacagggcgt	1440
tggcttcaac	cctttccagg	agcgaggcaa	caacattgtc	acatatgaat	gggccaagga	1500
ccttctgact	aattaccaga	ctggagtcct	agaaaactct	ccaagatgg	tactgctttt	1560
ccacctgatt	gaggaaaagt	tgaagcttgg	ggacaagatc	cttgtgttta	gccagagtct	1620
ttccaccttg	gctctcatcg	aggaattcct	tggaaaacga	gaagtaccct	gtccacctgg	1680
taccgagggg	caaggagcac	agaagtgggt	tcgaaacatc	agctacttcc	ggctagatgg	1740
tagcaccctt	gcctttgaga	gggagcggct	tattaatcag	ttcaatgac	ccagcaacct	1800
caccacctgg	ctgttccttc	tctctacaag	ggcgggatgc	ttgggtgtga	atctgattgg	1860
tgccaaccga	gtgggtggtg	ttgatgcttc	ctggaacct	tgccatgatg	cccaggcagt	1920
atgtcgggta	taccgttatg	gccagaaaaa	gccctgttac	atctatcgcc	ttgtggctga	1980
ttacactcta	gaaaagaaga	tctatgaccg	tcagatttcc	aagcagggca	tgtcagatcg	2040
ggtggtggat	gatctaaatc	caatgctgaa	cttcacacgg	aaagaggtgg	aaaacctact	2100
gcactttgtt	gagaaggagc	cagctcccca	agtttccttg	aacgtaaaag	ggatcaagga	2160
gtcagtcctg	caactggcct	gtctgaagta	ccctcacctc	atcaccaagg	agcctttcga	2220
gcatgagtca	ttgctcttga	accgaaagga	tcacaagcta	accaaggctg	agaaaaagc	2280
agcaaagaaa	agctatgagg	aagacaaaac	cacatcagtc	ccctataccc	gcccacgtga	2340
tgcgcagtat	taccctgcc	gcgatcagag	cctgaccagc	atccccgcct	tcagccagag	2400
aaactggcag	ccaactttga	aggggtgatga	aaagcctgtg	gccagtgttc	gtcctgtgca	2460
gtccaccccc	atccccatga	tgccccggca	tgtcccattg	ggaggaagtg	taagctctgc	2520
ctccagcaca	aatccatcca	tgaactttcc	catcaactac	ttgcagcgtg	caggagtcc	2580
tgtgcagaag	gtggtcacca	cgacagatat	tgttattcct	ggactcaaca	gctccacaga	2640
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caacggcaga	cacagtgcct	catcacccaa	agccccgac	cctgaggggc	tgccagggcc	2880
cgtctctcct	gacagcccag	agatcatcag	tgagcttcag	cagtatgcag	atgtggctgc	2940
tgccccggaa	tcccgtcaga	gctccccaa	caccaatgcc	gccctgcctg	gccccccggc	3000
ccaacttatg	gacagcagtg	ctgttcccgg	gacagctctc	ggaactgagc	ctcgactagg	3060
gggtcattgc	ctcaatagtt	ccctcttggt	gactggccag	ccctgtgggtg	acaggcaccc	3120
agtgtcggac	ttaagggggc	acaagcgaaa	gttggccaca	ccacctgctg	cccaggagtc	3180
atcccgcgg	cgggtccagga	agggatcatc	gccagccccc	gtgcagccgt	atgaacacgg	3240
gtatccagtc	tctggcgggt	ttgccatgcc	acccgtctcc	ttaaaccata	acctcaccac	3300
ccccttcacc	tcccaggctg	gggagaactc	cctgtttatg	ggcagtaccc	cctcctacta	3360
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caacctttcg	cggggcatgt	ctatctatcc	aggctacatg	tccccacatg	caggctaccc	3660
agctggtggc	ctcctacggg	cccagggtgcc	tccatttgac	tctcatgagg	ttgccgaggt	3720
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gaaggcagcg	atttagacct	tttgagaata	ggacacttgg	caggagggaa	aaggaagagg	3900
acaaaggagg	gtggttgggc	aaagtggcag	agctctgttg	ctgtttaaca	aaagaggcaa	3960
aaaaaaa						3967

<210> 8248

<211> 1856

<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1807)...(950)  
 <223> similar to gi3646426 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8248

tttttttttt	ttggcagctc	ccggcatttta	ttgattgcag	ccccacaga	gcacactgcc	60
cttcccagg	ggggtgaagc	ccagcgacca	gggaggcaga	ggatgcagca	tccgccccgt	120
cggactcctt	gtcggggaga	aggccctaag	gaggaaccgc	ggcccgctg	ggccattccc	180
ccagggagcc	aagcgggggg	gcccagggtgc	ccgagggacg	caggcacaat	ccctgaagac	240
agagaccgcc	tgctggtgag	tggagaggct	ttggcaaaac	taactgttaa	agccactgca	300
gggcaggcag	cggtgcgcgg	gacctcggtg	gccctcgacc	ctcaccaca	atggctccag	360
aacctctctg	ggccactccc	tcccaggcac	tcgcttggtg	tctgcgttgc	ttgttcatcc	420
caccagctg	cggggtctcg	cggggagttg	cagctgcccg	aggacatgga	aggtctggtt	480
gctctcagca	gacacgaagt	gcagagctag	cacttggtg	agcaacagcc	aggctgcacc	540
cacactctgc	cacccaagtc	ctcgatggaa	agtgtctgaa	gatgtctgct	tgggcatcgg	600
gggcaggagg	cagggataat	acccctcccc	tggcccagga	gaggggagaa	atcagcctct	660
ggtagccctt	gttcccttga	ggagctgcc	gcgggagagg	ggcaaggcca	cgcagtcccc	720
agccgggaga	gcctggtagc	cagagcgggg	gtggtgcagc	tacagctgag	aggggacgag	780
gccaggagga	gctcagccag	caggtggggg	gacagcaggg	gcctgctgcg	gaggatgggt	840
ggccacggcc	agggaggtcg	tggccccagg	agcaggtgct	gggcttgga	ctctttgaa	900
gaacctagcg	tgtctggcct	ggcagcccag	ccattcccac	ggctggtcag	gatggcactt	960
tgatgccaaa	gtttttgcgt	agctgttcca	gaaacacaaa	agttagcacg	gtgtggggga	1020
tgaggcggat	gccagctggg	acgaggccct	tgtaaaaggc	cagaggcccc	agcttcgctg	1080
tctccacggc	gcagtggaaa	acgccctgat	actccccctt	ggagttcatc	aggcgagtct	1140
tcagcacatc	caggggctgg	cacaggaacg	tggcacatcc	acctgcaata	aagctggcga	1200
caaagtgagt	gaagatgttg	tcagagaggt	acccggtgct	aaggaccagc	tgcttggcct	1260
ggtcgtagca	ggacagctgg	cccacagtga	ctaaggcccc	tcggctggat	gcatgtgttg	1320
caccgagaaa	cagtctcctg	agaccctctt	cacgagctac	gcggtacagg	ccatccagcg	1380
catgggcgta	gttgcgccgc	tgaccctggg	gcagcttcac	gtcgttctgc	atcctgacgt	1440
tgaccaagtc	tgcgggcgtc	cccacgaagc	ctccagctaa	accgctgacg	gagcccagca	1500
acaccttctc	gtggaagggg	agaggccctt	ggctgccctt	ggccacacgg	tcccgcacag	1560
tctcgtagat	ggcgaaccga	gtcagggagt	aggtcatctg	tctgcacagc	gaggcgctca	1620
ggccgctgta	gagtgccagg	atgccgtcgg	tacgcaccac	ccgcagcgcc	atgcccgctca	1680
tgcgcagctt	cacctcctgc	tgctcttgca	gatgcacctt	gagcaggtcc	agcgggtgcg	1740
tgcagcaggc	ggccccgcag	gagggcagcc	ccccgaagta	ccagcgcgac	acgcgcgcct	1800
cggctgccat	ggcccaggag	agcccaatcc	cggcccgcac	acaaccgcac	acgaaa	1856

<210> 8249  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (570)...(416)

<223> similar to gi705389 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8249

```

ggaattcccg ggtcgacgat ttcgtagcga ggccctcttc cccctcgctc ccaactcagac      60
caccaccaag cctggactgg aagtgtgttg agcccctggg tcaggctggc gagccagctc      120
ggccctgccc acccaggggt ttccgagatc acccctgggt aggcggcggt ccagtccttt      180
gctttcttac ttgttctgca gagcggggag ctgaggctgc atgagggaag actcccgtac      240
cccagcacgg tggagggtgg gatgggggtca cgcctgtgcg acccaggagg tggccagcag      300
aaggaaacag tagtgtccac catggtctgc gtctccccac cacggattgt ctgggctccg      360
gatttgagac atggcagggc cagatgagga caacttgatg acagtttaca gagatggagg      420
cagggtgcca ggaagccacg ggggagcccc cagggcactc agcagtcagc gcagggtctg      480
gcgtcctggc aaggagcagg gaccttctgc ccagggggtg ggccagcctg tgggtgctgt      540
gtgcaggacc ccaggaacca aggcgcagat ctcttccctc gctccagcat cctcccaagg      600
ccacccttgg ctgcactcag ccagagagct ggggcacagg gacccacag gtttccctgg      660
aggctgtcag gggctccggt gggggcgggg ggtgagcccg ctgggttcac tgcac          715

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<210> 8250

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (942)...(308)

<223> similar to gi5305429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8250

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ttttttttca ggcccagccc ttggggcccc tttattgaaa caactcacag cacagtattt      60
gagacagaca gtgttgggcg gcggaacccc aggaggctga gaagtcgagg ttgcggcatc      120
cctcactgcc ctctggggg aggcatactc caagcagacc tgagcggccc cgggctgggg      180
cgggcgatcc acacacagag gcgataagag cacttggaaat cagggcagcc atgcagcact      240
gccctaggcg gggatccccc aaagtctgac agtttgggca tcagtggggg ggcaggtgcc      300
ccctcagctg cctttatgag cgcgctcttc cacgtaaagc tgcattctta aaatgtccga      360
cgtcatgggt tttagtggta tcagccgggg gtcatgcatg tggacatcct gctcatccgc      420
caggatccag gggaaatcct tgatgacctg gatcttctcc atgttgcgag tggcggcttc      480
tctcgtgtgc accaggactg tgaagggtaca gcctgggggg ttgtgggtcca ggacggcatc      540
gcacacgctg atcttcagga tgaaggcccc gagcagctgc tccacatgag acaacagcga      600
gtctgagctg atggacagca gtggaggctg ggtgatctca aagacgaatt tctccactgg      660
gcggtgctct ttatccaaaa tcaccaccac cactttctcc acatcattct tctccaggag      720
tggtttgacg cagtgcagcg tgctctggat atactgattc agctccgggt ggcaggacat      780
ctggaccggc acgttgtact tcttgcgttt ctggaagatg cccacggggg agacctcgcg      840
cacgtagagg atgagatgca cagccacctc caggaactcg cagagcacat cggccaccac      900
ttggccaaag ttgaggtctt gtcgtgtgag cgtgggtcatc ctccccgcta ccggtctctg      960
gctcgggttc cggccgagat cgggcccggg cccgcgcggg ggagccaccg accggaccga      1020
tcgcgcctcc cgctcaaccc ggggcacgaa a          1051

```

<210> 8251  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (355)...(79)  
 <223> similar to gi441159 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8251  
 ggtgtgtatt cccccctcag tgcgggggga attgtgaaag cgttgataag agtggcactc 60  
 tccagtatta tacttctaag ggcactcttt ctgtttcccc tcaccaggt gagcttcagg 120  
 tagtggcgcc atctccccct cctccttctc ctccctcccc tccttctcct ctccctctc 180  
 ctgtggctcc gccctgacct cctctgacat tttctgtggt gactcctggg ggccctctggc 240  
 ttccctcctgc ggggggtgaag gtctgggtgc agtgtcgggg ccctgggagc tggctggagg 300  
 tgcactgggt gcagaagtag tgggggtggc cggcagaggg ttcccgagg gctccagggtg 360  
 actcctgtac tgcagccagt tgcggccgaa ccgttccgg aagctgctca tgagctccag 420  
 ctccgggtgc tgctgcacga accatccagc cggagagggg ttcagagttc ggggctccgg 480  
 gtccgtatca ctgggttcag agatgcttgc ccgcctcaca cggactcggc tctgagggttg 540  
 gtggagggag aagttctgtg aaagccaagc ctccagccct gccatccacg gctggccatc 600  
 caaccttgac cttatgaagc aggggctggg tcacaacacc ccctgaggag aggctgtcac 660  
 tcaggtcagg gccacctgag gtttcaggag tactccccac tggccagggc aaag 714

<210> 8252  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (582)...(200)  
 <223> similar to gi4323233 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8252  
 aatacagggt gcattgaggt gaaataatct cctggcaatg ttggagacta gattgctgaa 60  
 agagaagtgg atcttggcat ttccacctat gtcagcatct gtggcatgga gctgtgtcac 120  
 tgaagtgcct acaggagcat tttctggtat actgacttca atctctgtct ccttaaagac 180  
 tgggtggttg tcatttgtat cagtaacact cacttgcaaa atagcagtag tggatctttg 240  
 aggaaagcca ccatttcaa cctttacttt catcacgtag gtatccttct cttccctatc 300

taactccttt	tgaacaatca	gttgtggcat	cttgtctcct	cctgggtgttt	caatgacatc	360
gaggccaaaa	atgttttgac	tcttaattag	ttcgtagttt	tgaactccgt	ttattcctac	420
gtcaggatca	acagccgctg	ggagagtata	tttagagttt	atagccgagt	tctctggaat	480
tgatatgttg	ataactgttg	ctgggaacaa	tgggtgcatta	tcatttatat	cttctatcag	540
aaaacgtatc	ttaaccagtc	taaatatattc	atccggcaaa	atggcaacct	ccacttcata	600
aaagcaatgc	tcattccctg	ggataccagc	acataatttc	tcacgatcaa	tgcgagcgcc	660
agtagtgaag	atctcaccag	tatcctcttc	aattcgaatc	agtggcacat	ct	712

<210> 8253  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (212)...(561)  
 <223> similar to gi5059156 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8253						
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ccagtagacc	aggagctccg	ggaggcaggg	ccggccccac	gtcctctgcg	caccacctg	120
agttggatcc	tctgtgcgcc	acccctgagt	tggatccagg	gctagctgct	gttgacctcc	180
ccactccac	gctgccctcc	tgctgcagc	catgacgcc	ctgctcacc	tgatcctggt	240
ggtcctcatg	ggcttacctc	tggcccaggc	cttggactgc	cacgtgtgtg	cctacaacgg	300
agacaactgc	ttcaacccca	tgcgctgccc	ggctatggtt	gcctactgca	tgaccacgcg	360
cacctactac	acccccacca	ggatgaaggt	cagtaagtcc	tgcgtgcccc	gctgcttcga	420
gactgtgtat	gatggctact	ccaagcacgc	gtccaccacc	tctgtctgcc	agtacgacct	480
ctgcaacggc	accggccttg	ccaccccggc	caccctggcc	ctggccccca	tcctcctggc	540
cacccttttg	ggtctcctct	aaagcccccg	aggcagaccc	actcaagaac	aaagctctcg	600
agacacaatg	ttacaccgtg	ggactcagct	gaccctgcct	caccctccac	actccttgcg	660
acctcatgag	ccatgcgcag	ggtggttggt	ctgttcaa	aaagggacgt	gttttccaca	720
ctgaaaaaaaa	aaa					733

<210> 8254  
 <211> 1703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1704)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature

<222> (1521)...(304)  
 <223> similar to gi3043694 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8254

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ttggtagcag	agggaaagct	actggagcaa	acgctaagt	aatgggttcc	cgtgccgagg	180
gtgtcctcat	tcttgggctc	tgtcaggcct	ccccttgtct	gcaggactgg	gacaggccac	240
cctccccagg	ccctgccctt	gccgcgagcg	tgtccttcca	tacagacaac	agccttgctg	300
ggtcacctgg	aggagctgcg	ctctttgctg	acacagtcgt	cctgggaggt	ggtgtccccg	360
tttcccacca	tgctgcacgt	cctcctcttc	ttcctgcggt	gcactgtccc	atcgccctcg	420
gatccagact	cgactctga	gtcggagtct	gacgaactgg	agctggagga	gctggaagag	480
tcgctggagc	tgctggaagc	tatccctgtg	gactcctgaa	ggtcaaccga	gtctgcgagg	540
actgccaaact	cggggtgctc	ttgcttcaaa	atcctatacc	atttccttga	taacttttgg	600
ctccctctta	ccgtcttggt	ccataccaca	gggaagtgg	tgctgctggc	aaaattttgg	660
gtgatggcga	tagtagtgct	gagattgagg	acaacatgcc	accagcctcc	tggtacaaag	720
acagtctctc	ctggtttttg	taagatttcc	aggggtttga	attcaggtgg	ccaggttgga	780
agctgtgtcc	ggggataaat	aacattaaac	caggtaatag	cttcgtcttg	ctggttccct	840
ccttcgtctc	gggtcacttt	gatgagttcc	ctgggagtgc	tggtaggaaa	caggcaccag	900
cgcttggtgg	cctgaactaa	ggcattccag	gcactgggtc	ccagaggggtc	gatgtgaatc	960
ccagttccgg	agcgtgggtg	ccccatcaca	aaccacctgt	aagggggcct	gcgcttctcc	1020
ccagcatact	ggaaaaggtc	atcagtgaag	aactttggca	ccttgtagtc	ttccaaaagt	1080
ttccttcttt	taggtgtgtc	accatagctg	ctgtcaaaga	tgtaaagggg	actatcatct	1140
cgagtgtctc	ccatgtactc	gatgtagtat	ttcatcttca	tcttcaactga	gtagccatcg	1200
ttatcctcac	cacacttgaa	cttctggttc	cgatatttcc	tttttaggcg	ctccagagtc	1260
cattttctct	gcgcagacca	gccctcttgc	gcattcaaca	aaaccacggg	cttgtaaggt	1320
ctttcatacc	gctccacaaa	ttcttccaca	gacagctgta	aagcatctgc	cctttccacg	1380
ttatccgcca	cggccgccc	gctcagcgag	aagctctcgt	agtagttgtg	ccgggtccaa	1440
tccagcgagt	ccttgagctc	cggccgcgca	ctccgcttgg	cctcgcggat	gcgcttcttg	1500
ctcttggtgt	tattctgcg	gggtcgccag	ctggttccgc	tacgacctcg	gcgcagccc	1560
cttcctgaca	ctaaccgacc	cctccccggc	ctgggcggcg	gcgacggcag	tacccaaacg	1620
cccttcgctc	agtcggcgcg	cctttaaagt	cgcttccaa	aaaattcact	cccagccac	1680
ctcccgagcc	tcgggttggtg	caa				1703

<210> 8255

<211> 1605

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(1092)

<223> similar to gi726373 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8255



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atgtggaagc gctcgcgcag gagaccccggtgtgacggggccggcgccgc taactggagc 60
gaaccccccagc gtccgcccagc atggcctgga ccaagtacca gctgttcctg gccgggctca 120
tgcttggttac cggctccatc aacacgctct cggcaaaatg ggcggaacaat ttcattggccg 180
agggctgtgg agggagcaag gagcacagct tccagcatcc cttcctccag gcagtgggca 240
tggttcctggg agaattctcc tgcctggctg cttctacct cctccgatgc agagtgcag 300
ggcaatcaga ctccagcgta gaccccccagc agcccttcaa cctcttctt ttcctgcccc 360
cagcgctctg tgacatgaca gggaccagcc tcatgtatgt ggctctgaac atgaccagtg 420
cctccagctt ccagatgctg cggggtgcag tgatcatatt cactggcctg ttctcggtgg 480
ccttcctggg ccggaggctg gtgctgagcc agtggtctggg catcctagcc accatcgcg 540
ggctgggtgt cgtgggcctg gctgacctcc tgagcaagca cgacagtcag cacaagctca 600
gcgaagtgat cacaggggac ctgttgatca tcatggcca gatcatcgtt gccatccaga 660
tggtgctaga ggagaagtcc gtctacaaac acaatgtgca cccactgcgg gcagttggca 720
ctgagggcct ctttggtctt gtgatcctct ccctgctgct ggtgccccatg tactacatcc 780
ccgcccgtct cttcagcgga aaccctcgtg ggacactgga ggatgcattg gacgccttct 840
gccaggtggg ccagcagccg ctcatgtccg tggcactgct gggcaacatc agcagcattg 900
ccttcctcaa cttcgcaggc atcagcgtca ccaaggaact gagcgccacc acccgcatgg 960
tggtggacag cttgcgcacc gttgtcatct gggcactgag cctggcactg ggctgggagg 1020
ccttccatgc actgcagatc cttggcttcc tcatactcct tataggcact gccctctaca 1080
atgggctaca ccgtccgctg ctgggcccgc tgtccagggg ccggccccctg gcagaggaga 1140
gcgagcagga gagactgctg ggtggcacc gcactcccat caatgatgcc agctgagggt 1200
ccctggaggc ttctactgcc acccggtgct tccttctccc tgagactgag gccacacagg 1260
ctggtggggc ccgaatgccc tatccccaa gacctaccct gtccccctccc tgcagaaccc 1320
ccagggcagc tgctgccaca gaagataaca acacccaagt cctctttttc tctactaccac 1380
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tggaacccct ctacagcact agagctaaat catgaagttg aattgtagga atttaccacc 1500
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<210> 8256
<211> 1076
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (761)...(348)
<223> similar to gi4929755 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8256
tttttttttt ttcattagtgt aatttctttt aatgtatagg attgtttcca actcatcagg 60
tctggtgcaa attctgtcaa cgaatttaaa catggaaaca tccgggctgc ctttccctga 120
aataatccca gggcaaagag cagtagtgag tgattcttct cttttctcgg gttcactttg 180
acctgaagca agttgctatc ttcggagagt atgtatggac cccaacagaa tggggcccag 240
gggtcttcat cccttcaaaa tcttggaactg tatcaaaggg aaggcctcgg taattcgtgc 300
tcacccagcc cattcggatc ctggctcctcc ctctcttggg gttcagggggg ttcctagagt 360
tttcttggtc ccacccaggc atgggggggt agtgccagc tgagagttct ctctccactg 420
ggcgggggtc cgtgcctgga tggccagcgc atggaccgga cctgccagct cctcggccag 480
cgctgcgtgg accagccggt gtcgtttag ggggctcagt ccctcgaaac gagagctcac 540
cacagccacg cgggaagtgag tctcactgcc aggcgggacc gcgtggccac cgctctcgtt 600

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gcgaagctct agcacctcgg ggctcagggc ctctccaac ttcgtgcgaa tggcggcctc 660
caccggaccg atggccccgg atccccgcgt gccctggcac aaacaaacgc ggccagccat 720
ggagaccaga cccaggacca gccgccact cagcatgggc tacgccagag actcagacgc 780
caggagttag ggtcggggcg atccgcctgg tgagagcaca atgtcaacac ccgccccgcg 840
atccccgcat ccgccctaac cccacgcccg gacgtccaca ccagctccta tagggagccc 900
gccttgatgc cacacgggga gacccgagac accgcccctt ttctctacgt gacgtggtga 960
attcgacctc cagttgtggt tgggccgaag cccctgtgtt ccctgtgaag ccccgagagac 1020
gccctttcta cctgccgctc agcctcggcc actgcgattc ccgctcaggg ccagga 1076

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<210> 8257

<211> 2247

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2181)...(1581)

<223> similar to gi213414 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8257

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tttttttttt tgggattttg atcacatgaa acacttttatt tattacagca ttgttttaac 60
tcccttataa ccaagattat ccatatttat tgcaaaagca acaatatcaa agaatgcttt 120
aaaatgcaat taaatttggt taatatagat aaactataag taataagatt gttttcatta 180
taatataggt gtcacacatt tctcctggta actaagaaag ataaatgggc agataaaaca 240
taacagtaga agcatctaga atagtaaatt ttattactgg aagtctctcc ctagcaatgg 300
acaaactcaa ccacattcaa cacataagga aaccagggac aagagaggct ggcattcttc 360
actctacgaa tacttagggc actgactatg tgccaggcac ttgctttgtg ctagggatat 420
aaaattaaac atacaaggta cccgtaccca aggagctcac agccaagata atggatgagt 480
gtcctgaaag cagaaattat cacacagctt aataattatt gtgagaaatg catgctcaag 540
atgcaagggt caactcatcc aggcttggga gcaactcttg tgaatgagct gacctggaag 600
gagatgcaga agtcagacag agaggttatg aagcagcggt ctaggaaggc caaagtgcgg 660
gcaagcccag tgcatttaat gaccaaagga gtgacagtac gagggaactc tagtcctggg 720
tttaggagac aatagtctcc tgactccctg ttcagtgtca ttttagaata ctgcctgtgt 780
attgacaagt ctgtgaagat tcagcacata catcaatact cttgcataga aaaaaaagaa 840
gcttacatgg ctcggtgctat gccagtgtag acattaggat tctctaaact gccttgctca 900
aaatgtttct ttagaggaat aattacttcc tattttagct tttcatttcc ttctaaatgt 960
ttatatcaat tggggccatgc cataaaattc ttaagtctgg aagggattta agttatcatt 1020
tttttgga ccaaggaggat gcagggacag ggtggagtag ggctcagtgg gagcaatgcc 1080
caccctggtg cagcaataaa gggggcattc tctgcaggga atttaagaat taataataaa 1140
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tgtgtatacc cgtgcatgca gaaaaccagc cctgaacagg cattagaaat acccaaagtg 1320
tccatattag ccatctagtc agttcatatg gccacaccct cgccattcaa tttcttctg 1380
taaacagagc ttgagtagtc aaaatcagac acatcaaacc cccacatcaa tgtgcatctt 1440
cctaaaatta tatttctctc caattagcat tcacatcttg actagtctca tatccatctc 1500
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acaccgaggg gtctttaata cccagctgga tgtcaaaaaa ccgcgtagac aatatcacac 1680
tgtagtttat ggtaaagggt tccctggacag gatagcaatc cttgactgta tagatgccaa 1740

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tccaggtttc	ataggatcta	gctgactttc	tgtccgacca	ctcctggacg	gtgatctgct	1800
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gatcccaggg	ctgtgtcagg	gtcatctttg	agcactgctt	ggtggcttgg	tcaatctgaa	1920
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ccttcctctc	gtccagcacc	cgcacgcgct	ggttgagccc	gtcgtaggag	agcagggcgc	2040
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cctggcacgg	gcgcggggct	cccaccgccc	ccaggctgca	caggccgcac	aggggtccagg	2160
cccagaggcc	gcccagcagc	caggcaccca	gggcgcccgg	gacggtgcgg	aggggagcgc	2220
gataaagaaa	tcgcggtcag	ccttccc				2247

<210> 8258  
 <211> 4177  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (3922)...(1926)  
 <223> similar to gi3327138 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tgcccttagac	ctcatggact cgatacaaga gtaaatatga attgggaaat aaaaccactt 120
taatagccac	gataaacttt gttagaaatg tacatgttgc caaaataata ataataaaat 180
taaaaaaaag	agagagagag aacagcttga tgtccagggt agattatata aatgttcaac 240
aagggcaggg	taaaggaaac tttaaaaaca ccagttctga ataagcctgg ggccccgtga 300
gactccccct	ctcccaccca gtctcggggc ctagggactg cgtccctcca aacaggacaa 360
gtgggagtg	ataaggcctc caccaagctg cctctcccag tggacaaaaa catccaggta 420
atgggtatat	aaacaaagct cataagaaat gtacaaatat aaaaagctac aaacattaat 480
aaattacagc	atcacaaaac acggaaacac ttcacaaggt gctagtaaaa taactgtatc 540
ccccaatccc	ctcatcatac aaggaaaaca aagagctggg attaaagttg aagattcatc 600
ttcaaaatgt	gtctgaaata gatcttttgt gtactatttg cttctgtaaa gacagagtgt 660
aaggctgcac	agacatcact tgtttttcag gcaatacctt agttcttaaa agaaaaaaat 720
aataataata	aaaggaaagg agaaggaaaa agcatcagaa cccaactgtc catctgactc 780
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cattcagggt	gaacacccac catcctgctg ccacctgcca accagaaagc tcggggcaga 1380
cccttcctca	cccgcggagc actgtctgga cttggctgag aatcactcag gaagagaagg 1440
ggggacataa	acatcccact tgctcctcct ctttctgtgt tctttgcctt tttttttaag 1500
cccctggagg	ctgccagcct gtggccagct ctgactctgg ggctgggtgag cattggctca 1560
ctctgtcttc	cttgaaggac tcatgtcttc agcagagctg cagaggccct gcaatcacac 1620
ccacgctcag	ggggcctgaa ggctgtcctt aaagtggaat aagcggctcct caaacttgca 1680

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gggccgcttt tctgggacag atcactctta gcaacttgag aaaagacgtc cattttcaaa 1740
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ttctgggata cagaaaggag agggtcacat gctgcttctg ccaaactgtg gcccaggacg 3960
gtccacacac caggatgctg gagacactca gtgccaggct ggcggggaac tatcagccca 4020
gaaaggctca gctacccac accatcatgt gacacactca caccacacc atgctattgt 4080
gtgacacact cacacctgcg acatgccatg agtcacttgc tctccccaag gctcttctgt 4140
cctaccccag cacagcggct gagggtcat ccaggaa 4177

```

<210> 8259

<211> 946

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (84)...(547)

<223> similar to gi31140 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8259

cgctctacgg	tgggcccag	ctcgtgttcc	ccgaggccat	gaaccacccc	gcgctgaccg	60
tgcacccggc	gcaccagctg	ggcgccctccc	cgctgcagcc	cccgcactcc	ttcttcggcg	120
cccagcaccg	ggaccctctc	cattttctacc	cctgggtcct	gcggaaccgc	ttcttcggcc	180
accgcttcca	ggccagcgac	gtgccccagg	acgggctgct	tctgcacggc	cccttcgcac	240
gcaagcccaa	gcggatccgc	acggccttct	cgccctcgca	gctgctgcgg	ctggagcgcg	300
ccttcgagaa	gaaccactac	gtggtgggcg	ccgagcgga	gcagctggcc	ggcagtctca	360
gcctctccga	gacgcagggtg	aagggtgtgg	tccagaaccg	gaggacaaag	tacaaacggc	420
agaagctgga	ggaggaagg	cctgagtccg	agcagaagga	gaagggtccc	catcacatca	480
accggtggcg	cattgccacg	aagcaggcca	atggggagga	catcgatgtc	acctccaatg	540
actaggtggg	gcaaccacaa	acccacgagg	gcagagtgtc	gcttgctgct	ggccaggccc	600
ctgcgtgggc	ccaagctgga	ctctggccac	tccctggcca	ggctttgggg	aggcctggag	660
tcatggcccc	acagggtctg	aagcccgggg	ccgccattga	cagagggaca	agcaatgggc	720
tggctgaggc	ctgggaccac	ttggccttct	cctcggagag	cctgcctgcc	tgggcggggc	780
cgcccgcac	cgcagcctcc	cagctgtctc	ccgtgtctcc	aacctccctt	ttgttttgat	840
gcattttctgt	tttaatttat	tttccaggca	ccactgtagt	ttagtgatcc	ccagtgtccc	900
ccttccttat	gggaataata	aaagtctctc	tcttaatgac	acgggc		946

<210> 8260

<211> 2224

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1640)...(415)

<223> similar to gil63449 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8260

tttttttttt	ttgcagtttt	taaaaaccta	aatattttatt	tattttgcatt	atattttacaa	60
aggtgggaag	gagaccaaag	gagaccccaa	gaacaccccc	acacctggct	gaccaggccc	120
cttgcaactgc	agaggaggca	gacacagctg	ggaaggaaca	ggatttatgt	tgcatacttg	180
aactacagcg	agtgtgaagac	tggtcctatt	tacagggcag	aaacactgca	ggtggagcgc	240
gggggtggca	gggtgggcac	cagagtccctg	gccaagggtg	cccttgccctg	ccatcttccc	300
cacctctccc	agatgcatct	ctgaggcccc	gctgggattc	tccgggggga	acgaggacca	360
ctcacatgat	gctcgtctggg	gtgaagacag	ggccacgcga	cagggtgtct	gtgatctccc	420
agccgcagga	cagaggcttg	cacacaccct	ccacgtcatc	ctcctgttct	gcagccatca	480
gctgccttcg	cagcgttcc	caggccaccc	gggacatggc	atagggtgatg	tggcaggcct	540
gggtccccc	aaagggggaa	cccatgcccc	cagtgtaggc	gcccatgttg	tcaaagacca	600
gccagtcccc	tacgtgtagt	tgcggcagcc	acaggccctc	agccacgcaa	tcacagccat	660
caaccgcggg	gccccacagg	ctgctgctgt	acaggggctg	ctccgtggat	ggtttcttct	720
gcaggatggg	ggtagggcag	atgttgtcaa	acaggactga	gttgaagatc	ccatacacgc	780
cctcatcaag	gtggtacacg	atggtcttgg	aggtggaacc	attttcctcc	tccctgccag	840
gctggtctag	cagaacctcc	ttcttggcaa	tgatgctgac	tgccacagtg	aaggccgagg	900
tcacgtagta	gcgccccagc	tcagcaaaga	tgtccacgcc	acagccctct	gggaagtaca	960

```

ggccaaggc tgagttgatc acggaagcaa tctcttcaaa tctcactttg gcccttctg 1020
tgccagggaa gccaccacca aggtccagaa cgtgcatctt gtgaccagc tcggtgcccc 1080
tttcaaacac gagccgggcg tctgcatg actgagcata ggcctgaggg tcaggacagc 1140
cactgccaat gtgaaaactc acacccacca cctccacatg gtgcttcttc gcattttcaa 1200
gcaggtgtct gcaggatttc agtgacactc caaactttag gctcaggcag ctgaggaggt 1260
gggagtcacg ggtagcaatg cacagaacca tcttggcact ggggtggctc tttaccacct 1320
ttgccagctc catctcattg tcaaagctca gcagctggat cccatgcttg gcagcatatt 1380
tgatctgtgc aatttgctta caggggttgg cgcagatgat cttactggca gggattccaa 1440
tatgctggac caactccatc tctgccttgt tggcacagct aaagcccagc cccagctggg 1500
ccagaacctt cagcacacct gggctgctgt tgcacttgac agcataaaaag ggccggactc 1560
gtggcaggca cttcagaaag caaaagtgtc tcctcactat ggcacccagg tcagccacga 1620
agaaggcagc tacctcgtca agtccattca gcagatgtta gatggcagtt tctacaaggt 1680
gcaatgcagg ggcatggaga aagaaaatag aaaatctgcc tggggcgatc aggaaaggca 1740
acactgatga gaagcaagga atgacgtggt ggctgtgag gccccagag tgagttcctt 1800
cagcaggtct cgggtactga agccctcctc caccatcaca aagtccgatt cactcaggta 1860
gccagccatg ccttgacagga ggagctgacg ggctggatgg agccgctgct gcagccgccg 1920
ccttagaaag tatgcaacac acaaactccg tcctccttcg cgggggccag agccaggcgc 1980
gctgctaggg ggggtcgccg gtgacctcga aacttgtgca acaccccgag gaggagtggc 2040
agttgcggag ccgaggcctc tgcttaaaac gcatttacac ggcttcggcc cataggtctc 2100
cccagggagt gaatcgatc ctcggcgctc ccgctctctc gcttccccgg gctcgggtcc 2160
cgcggcctgc gccccgccag cccagcagac gaaatcgctc acccgtaac tcaagagcgg 2220
tcgc 2224

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<210> 8261

<211> 1577

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (164)...(922)

<223> similar to gil79967 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8261

```

cgtaccagc gtggtggaat tccaccgagc agggaggttg cgcacgtccg ggtgtgagtc 60
gtgggagccc gtttcttttt tccatcctcc tgggctgacg cggaagagag gtccttcac 120
ctgctcagt tgcttagga ctacagaaa gggagaagag gcagaaggcc cctcgattg 180
gcacaagctg tatcccattg cccagggaga tcgccaatca cccatcaata tcatctccag 240
ccaggctgtg tactctccca gctgcaacc actggagctt tcctatgagg cctgcatgtc 300
cctcagcatc accaacaatg gccactctgt ccaggtagac ttcaatgaca gcgatgaccg 360
aaccgtggtg actggggggc cctggaagg gccctaccgc ctcaagcagt ttcaactcca 420
ctggggcaag aagcacgatg tgggttctga gcacacggtg gacggcaagt ccttccccag 480
cgagctgcat ctggttcaact ggaatgcaa gaagtacagc acttttgggg aggcgcctc 540
agcacctgat ggcctggctg tggttggtgt ttttttgag acaggagacg agcaccacag 600
catgaatcgt ctgacagatg cgctctacat ggtccggttc aagggcacca aagcccagtt 660
cagctgcttc aaccccaagt gcctcctgcc tgccagccgg cactactgga cctaccggg 720
ctctctgacg actccccac tcagtgaag tgtcacctg attgtgctcc gggagcccat 780
ctgcatctct gaaaggcaga tggggaagtt ccggagcctg ctttttacct cggaggacga 840
tgagaggatc cacatggtga acaacttccg gccaccacag ccactgaagg gccgcgtggt 900

```

[illegible]

```
<220>
<221> misc_feature
<222> (100)...(398)
<223> similar to gi2062678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

9

```
<220>  
<221> misc_feature  
<222> (550)...(191)
```

<223> similar to gi2634964 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8263

tttttttttt	ttgaaggaaa	taagaggagg	ttccccctcgt	acgttcattc	tgttttattta	60
tttgtgtgcg	cacccggctc	cccgcagcct	ccacccctcc	cgcgtcccgc	tttcagaaaag	120
gaacgcggcc	ctcagctccc	tccggaagag	gccccggggt	caggggctgc	agccgggtcc	180
ccgtgcgtcg	gcccagctcg	tccagcaccg	ccttctcctt	ctggaacatc	tgctgccact	240
ctgcctccgt	gccgtgtgtg	aatcccagca	agtgacagag	tccgtgggtg	gccgtcacag	300
tcaggacgtc	attgtaatct	tcattttctt	tacactgatg	gaagatatac	tccactccta	360
ggaaaatgtc	tcccaaattg	tagtcatctg	gaaaatcagg	ctgggggaaat	tcacctgctt	420
tcagatgctc	atgaaatgga	aaagaaagca	catcggttgg	gacatttcta	tctctgtaga	480
ttctattaat	gtgctgaata	ttcttggtgt	caacacagat	gatccccagg	tcaaatttct	540
gcactcctaa	aatcctcctt	acaatctcga	tcttactgcg	aagtggcgct	ctcctgatgg	600
ggatgactcg	ctgcagattt	ctaataacca	aactcatttc	aggaagaata	accagccctt	660
taaaaatggt	tgcaacggaa	ccggtgtctg	gacccagcaa	aggacgcgaa	gctggc	716

<210> 8264

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1053)...(849)

<223> similar to gil89772 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8264

agccagtgcg	tgcaaaccac	accgcgtgtg	tccgctgggt	ctctgggcat	gcagtttgct	60
cccactgcgg	gaatgggggt	ggggcaggcc	gagcctgggc	tctgggggct	ttgctggggg	120
agcttctggt	cctgggggta	cccacttggt	agggagtggg	gggacagctg	gaatagcggt	180
gctcagtgcg	tcctttgggc	gctgttgggg	acacccctcc	tcgctctccc	acaccactgg	240
caccaggccc	cggacaccgc	ctctgctgca	ggagaatggc	tactcatcac	acgctgtgga	300
tgggactggc	cctgctgggg	gtgctgggcg	acctgcaggc	agcaccggag	gccagggtct	360
ccgtgcagcc	caacttccag	caggacaagt	tcctggggcg	ctgggttcagc	gcgggcctcg	420
cctccaactc	gagctggctc	cgggagaaga	aggcggcggt	gtccatgtgc	aagtctgtgg	480
tggcccttgc	cacggatggg	ggcctcaacc	tgacctccac	cttctcagg	aaaaaccagt	540
gtgagacccg	aacctatgct	ctgcagcccg	cggggctcct	cggctctctac	agctaccgga	600
gtccccactg	gggcagcacc	tactccgtgt	cagtgggtgga	gaccgactac	gaccagtacg	660
cgctgctgta	cagccagggc	agcaagggcc	ctggcgagga	cttccgcatg	gccaccctct	720
acagccgaac	ccagaccccc	agggtgagt	taaaggagaa	attcacgcgc	ttctgcaagg	780
cccagggtct	cacagaggat	accattgtct	tcctgcccc	aaaccgataag	tgcatgacgg	840
aacaatagga	ctccccaggg	ctgaagctgg	gatcccggcc	agccagggtga	ccccacgct	900
ctggatgtct	ctgctctgtt	ccttccccga	gccccctgcc	cggctccccg	ccaaagcacc	960
cctgcccact	cgggcttcat	cctgcacaat	aaactcggtg	tgccacacca	ctggcaccag	1020
gccccggaca	cccattctcc	tgcagcagga	gaatggctac	tcatcacacg	ctgtggatgg	1080



```

gactggccct gctgggggtg ctgggcgacc tgcaggcagc accggaggcc caggctctccg 1140
tgcagcccaa cttccagcag gacaagttcc tggggcgctg gtccagcgcg ggccctgcct 1200
ccaactcgag ctggctccgg gagaagaagg cggcggtgtc catgtgcaag tctgtggtgg 1260
cccctgccac ggatggtggc ctcaacctga cctccacctt cctcaggaaa aaccagtgtg 1320
agacccgaac catgctgctg cagcccgcgg ggccctcggc ctccctacagc taccggagtc 1380
cccactggg                                     1389

```

```

<210> 8265
<211> 1803
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (136)...(1561)
<223> similar to gi5902181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8265
ggcctacgag tgcggcgcgg cctgaagggg cagcgggggg acctgcaaag ctagtgaggg 60
gcggggcagg cggcgcggtg ggggcgggcc gagcccgag gccagatgag cggacacagc 120
cccacgcgcg gggccatgca ggtggccatg aacggtaagg cccgcaaaga ggcggtgcag 180
actgcggtta aggaactcct caagttcgtg aaccggagtc cctctccttt ccatgctgtg 240
gctgaatgcc gcaaccgcct tctccaggct ggcttcagtg aactcaagga gactgagaaa 300
tggaatatta agcccgagag caagtacttc atgaccagga actcctccac catcatagct 360
tttgctgtag ggggcccagta cgttcctggc aatggcttca gcctcatcgg ggcccacacg 420
gacagccctt gcctccgggt gaaacgtcgg tctcgccgca gccagggtggg cttccagcaa 480
gtcgggtgtg agacctatgg tgggtggatc tggagcacct ggtttgaccg tgacctgact 540
ctggctggac gcgtcattgt caagtgcctt acctcaggtc ggctggagca gcagctggtg 600
cacgtggagc ggcccattct tcgcatccca cacctggcca tccatctgca gcgaaatatc 660
aacgagaact ttgggcccga cacagagatg catctagtcc ccattcttgc cacagccatc 720
caggaggagc tggagaaggg gactcctgag ccagggcctc tcaatgctgt ggatgagcgg 780
caccattcgg tctctatgtc cctgctctgt gccatctggt ggctgagccc caaggacata 840
gtggagatgg agctctgctt tgcagacacc cagcctgcgg tcttggtgtg tgccatgat 900
gagttcatct ttgctcctcg gctggacaat ctgcacagct gcttctgtgc cctgcaggcc 960
ttgatagatt cctgtgcagg cctgggctcc ctggccacag agcctcacgt gcgcatggtc 1020
acactctatg acaacgaaga ggtgggggtc gagagtgcac agggagcaca gtcactgctg 1080
acagagctgg tgctgcgggc gatctcagcc tcgtgccagc acccgacagc cttcgaggaa 1140
gccataccca agtccttcat gatcagcgca gacatggccc atgctgtgca tcccaactac 1200
ctggacaagc atgaggagaa ccaccggcct ttattccaca agggccccgt gatcaagggtg 1260
aacagcaagc aacgctatgc ttcaaacggc gtgtcagagg cctgatccg agagggtggcc 1320
aacaagtgca aggtccccct gcaggatctc atggtccgga atgacacccc ctgtggaacc 1380
accattggac ctatcttggc ttctcggtgt gggctgcggg tgctggattt aggcagcccc 1440
caactggcca tgcaacttat ccgggagatg gcctgcacca caggagtcct ccagaccctc 1500
accctcttca agggcttctt tgagctgttc ccttctctaa gccataatct cttagtggat 1560
tgagccctct tggaaagact tctctgccat ccctttgcac ctgagagggg aagttctcag 1620
ctgagctgaa gctggattat taaagtggat tgtcactcag actctccgtg ctacgcttat 1680
ttggagacta gaggagtggg agttgagcct ggcttgaacc tttggaacca gaaaagttgg 1740
ggagcagggt gaggaggcca cactcctggg agctgatggt tttaaatctg gttttaaatc 1800
tca                                             1803

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<210> 8266  
 <211> 1253  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (122)...(970)  
 <223> similar to gi940379 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8266  
 cccacgcgtc cggtttctcc gcccgagccg ttccgcggagc tgccgggggc tccttagcac 60  
 ccgggcgcgc gggccctcgc ctttccgcag ctttcaactcc agccctctgc tcccgcacgc 120  
 catgaagtgc ccgtttctacc gctgccagaa caccacctct gtggaaaaag gcaactcggc 180  
 ggtgatgggc ggggtgctct tcagcaccgg cctcctgggc aacctgctgg ccctggggct 240  
 gctggcgcgc tcggggctgg ggtggtgctc gcggcgcca ctgcgcccgc tgccctcggc 300  
 cttctacatg ctggtgtgtg gcctgacggc caccgacttg ctgggcaagt gcctcctaag 360  
 cccggtggtg ctggctgcct acgctcagaa ccggagctctg cgggtgcttg cgcccgcat 420  
 ggacaactcg ttgtgccaag ctttcgcctt cttcatgtcc ttctttgggc tctcctcgac 480  
 actgcaactc ctggccatgg cactggagtg ctggctctcc ctagggcacc ctttcttcta 540  
 ccgacggcac atcaccctgc gcctgggcgc actggtggcc ccggtggtga gcgccttctc 600  
 cctggctttc tgcgcgtac ctttcatggg cttcggaag ttctgtcagt actgccccgg 660  
 cacctggtgc tttatccaga tggccaaga ggagggtcgc ctgtcggtgc tggggtactc 720  
 tgtgtcttac tccagcctca tggcgctgct ggtcctcgcc accgtgctgt gcaacctcgg 780  
 cgccatgcgc aacctctatg cgatgcaccg gcggctgcag cggcaccgc gctcctgcac 840  
 cagggactgt gccgagccgc gcgcggacgg gaggaagcg tcccctcagc ccctggagga 900  
 gctggatcac ctctgtctgc tggcgctgat gaccgtgctc ttactatgt gttctctgcc 960  
 cgtaatttat cgcgcttact atggagcatt taaggatgtc aaggagaaaa acaggacctc 1020  
 tgaagaagca gaagacctcc gaggcttgcg atttctatct gtgatttcaa ttgtggaccc 1080  
 ttgattttt atcattttca gatctccagt atttcggata tttttcaca agattttcat 1140  
 tagacctctt aggtacagga gccggtgcag caattccact aacatggaat ccagtctgtg 1200  
 acagtgtttt tcactctgtg gtaagctgag gaatatgtca cattttcagc ggc 1253

<210> 8267  
 <211> 1315  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (456)...(964)  
 <223> similar to gi2760317 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8267

gtgcttgaag	ggagtgttcc	gtcgtttccg	ttgccggctg	tttgcagtgg	ggaaaccgag	60
gcagctcctg	ctccccctag	ttcttccgct	cctgtgagga	aaaaaaaaatg	tttatttctt	120
tgtgggagtt	cttctatggg	cacttttttc	gatttttgat	gaaatggcta	ttacgacaga	180
tgactgggaa	gtgtgaattg	cagcgaatat	ttgataccta	tgtagggtgca	caaaggacac	240
acaggataga	aaattccttg	acatactcca	agaataaggt	tttacagaag	gcgacacatg	300
ttgttcagag	tgaagtggac	aaatatgtag	atgatattat	gaaggaaaag	aatattaacc	360
ctgagaagga	tgccagtttt	aaaatatgca	tgaagatgtg	cttactgcag	ataactgggt	420
ataaacagct	gtatttggtg	gtagaaagtg	tgaggaaaag	gccatatgat	tctgataacc	480
tacagcatga	agagctactc	atgaagcttt	ggaatcttct	aatgcccacg	aagaagttaa	540
acgctagaat	ctccaagcag	tgggctgaaa	ttggttttca	gggtgatgat	cccaagacag	600
acttcagagg	catgggcata	cttgggttaa	tcaatcttgt	gtatttcagt	gaaaattaca	660
ctagtgaagc	tcatcagatt	ctttcccgtt	caaatacatcc	aaaattagggt	tattcttatg	720
caatagttgg	aatcaatctt	acagagatgg	cttatagctt	actgaagagt	gaagctttga	780
agtttcatct	ctataacctt	gttcctggta	taccaacaat	ggaacacttt	catcagtttt	840
actgttatct	tgtctatgaa	tttgacaagt	tttggtttga	agaagaacca	gaaagcatta	900
tgtatttcaa	tttgatataga	gagaagtttc	atgaaaagat	taaaggactt	ttactggatt	960
gtaatgtagc	acttacttta	aaagtataaa	tcatccactg	tatcttctat	ttctaccaca	1020
ttttgcacat	tcaacagaat	ttatatgttg	taataggaat	tatctgatca	attacactct	1080
tatatataat	ttcctacaaa	aatatttcag	aaattctatt	taagaaagct	agtggacaat	1140
cagtgtatgt	ttacaattgt	ttatacactg	ttctccaaag	gtaccttatc	cttccaaaga	1200
tcccctctgt	agagtcatgc	gaactacagt	ttggaacttg	ggacttagcc	cgttggtgta	1260
aaagtataaa	tcagggtattt	gtatttaaatt	gattaaaatg	tgtaaaatca	aaaaa	1315

<210> 8268

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(184)

<223> similar to gi312070 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8268

tttcgtctcc	cggctctcgg	tccgggacgt	gcgcttcccc	acgtttcttg	ggggccacgg	60
cgcggacgcc	atgcacacgg	accctgacta	ctcggctgcc	tatgtcccca	tagaaactga	120
tgcagaagat	ggaatcaagg	ggtgtggaat	taccttcact	ctgggaaaag	gcactgaagt	180
tggtgagttg	aagattctct	cgaggttcca	gaatgcttaa	ttttcagatg	agattctaatt	240
ttagattctt	agattcatta	gaatcttgat	ttaaattgag	ttctgatctt	gtttttatct	300
gtattttacac	tgctcaaagt	gagtaaaaac	agtgtttcat	gggttggttac	ttgtttcact	360
gggagaaaatt	taaaagtgc	agaatttggc	ctctctcctt	gcaatcatat	ctagcctggt	420
agaaaatcct	tggctgttag	accgtttctc	tgtgtcaaat	gaccgctaca	agggtgcttt	480
tcacctgc						488

<210> 8269  
 <211> 977  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (829)...(146)  
 <223> similar to gi3893157 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8269  
 tttttttttt ttcacgttaa aaaaagtttt atttagggag ctccagggaa tgcggtggga 60  
 aaggagaggt gcagtgtcat tgccgccctc tcctcccacc tagtgcatta atagtggatg 120  
 ggagcatctg acagaagtga gatcaggcag tgggtgtctg caccacacag cgcattgttg 180  
 ctggaacagc aaagtctatc tgctgagggt taggcaagtt cagggttgccc atgattttga 240  
 caaactcctc acagctgagg gtgagccgag gggtcagagt cctctcctcc tccacgggtg 300  
 aactgtgaa cccatggtaa tcgtgagcag ggtagatcag acagtctcct ggaagtgtga 360  
 agatcttttc atggaccgag tgggtacaag tcttggcaca gccttgctgg aagtctgtcc 420  
 gcccacaccc acggatcaac agggcatctc cagtgaaggc catgctgtgg tcattcagga 480  
 cgaaggtgac acagcctggg gtgtggccag ggctggccct ggtctccaac gcgaagcgcc 540  
 cgaagcgat ggagtctcca tcctcaatgt gtaagtcagc ctgggcccc ctaaggcggg 600  
 agatgacaga ctggcgagcca gggaggaggg aacggagcag ccccgagcct gtaatgtggt 660  
 ccgcgtggca gtgggtattc acagcataga gcagccgcag ccccgactcc ttgatcagct 720  
 gggcatcccg aggcgtgtt tccaggactg ggtcgatcag aacggcctcc cgggactctc 780  
 tgtcaccag caggtacgtg aaggtgcagc tcacaggctc gaacatctgc cgcaggagga 840  
 tgggggctcc agaccgcgcg cgctggctca gctgccgcg ggcgaccctc agtacagcct 900  
 ccgccatcgc gccactgcg gggtcaggaa tgagcggagg ccgagcgtct gcaggagccg 960  
 ggcgctacgg cactagg 977

<210> 8270  
 <211> 1829  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (598)...(1239)  
 <223> similar to gil574372 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8270  
 ggtgtgagtg tgtgggagtg agagtgtgtg ggagtggggt gagggagaag ctgacgggac 60  
 gcgaggctgt gagaaactgg gcgagtgtgc gaggacgccc ggccagcctg cgggagccgc 120

```

agtgcggcgga ggagaaagga ggcggctccc ggtatcccga cccctcccc ctcctcttct 180
tccccactt ccagccgccc ggcggcccg cgtttctcga aggccccagc ccggctcagt 240
cggccgagag cgagggagga gcccccgac ccaggtagac gttacatcca agaggaaata 300
atccaggcaa ggaagcaca gctgatcaag atgtgtagtt ctgtggctgc caagttgtgg 360
tttttgacag atcgtcgcat cagggaagac tatcctcaaa aagagatttt acgagcattg 420
aaggccaaat gttgtgagga ggaactggac tttagggtctg tggatgatgga tgagggtggg 480
ctgacaatcg agcaaggaaa cctgggtctg cggatcaatg gagagctaata cactgcctac 540
ccacaagtgg tggtagtcag agtaccaacc ccttgggtgc aaagtgatag tgacatcact 600
gttttgcgcc atctagagaa gatgggatgt cggttaatga accgacctca agccatcctg 660
aactgcgtta ataagttctg gacatttcaa gagttggctg gccatggtgt tcctctgccg 720
gatactttct cttatgggtg ccacgaaaaa tttgctaaaa tgattgatga ggctgaagtt 780
ctggagttcc caatggtagt aaagaatacg cggggtcaca gaggtaaagc tgttttcttg 840
gctcgagata agcaccattt ggctgatcta agccatctta ttcgcatga agcgccatac 900
ctgttccaga agtatgttaa agagtctcat ggacgggatg tacgtgtcat tgtcgtggga 960
ggccgtgtgg ttggcaccat gttacgttgt tcaacagatg ggagaatgca aagcaactgc 1020
tcattaggtg gtgtggggat gatgtgctca ttgagtgaac aagggaagca gctagctatc 1080
caggtgtcta atatcctggg gatggatgtg tgtggcattg acctgctgat gaaagatgac 1140
ggctccttct gcgtctgtga ggccaatgca aatgtagggt tcatcgctt tgataaggct 1200
tgtaatctag atgtagctgg tatcatagca gactatgccg cctcccttct accctctggc 1260
cggctcacc cgcgtatgtc cctgctctcc gtggtgtcca ctgccagtga gactagttag 1320
ccggagctgg gtccccagc cagcactgct gttgacaaca tgagtgaag ttcagctct 1380
gttgacagcg accctgaaag cagcgagcga gagctgctca ccaagctccc agggggcctg 1440
ttcaacatga accagctgct agccaatgaa atcaaaactac tgggtggactg actccactgg 1500
taattaacca acaaaaccct tgtaaaactt tctttcttct tttctatttt taaaaccaac 1560
ttgcaatgct gttcatggag gatgctcagg aagatgagag aaaattacta cgattagttg 1620
gagagagtgg gagatagatg agacctctgc tagtaagatg ttactttcat ttacaaatcc 1680
tacaatatga gaggcagaat aggtggggta tagaaaaatg tcaggctctc atagttaccc 1740
ttttaattg ctaaaaaatg tgtatgctca taggccatga ggaacaaata cttttttttt 1800
ttcatggtcc cttgcttttg tttttgtac 1820

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<210> 8271
<211> 1644
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(617)
<223> similar to gi557673 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8271
tttcgtctcc cgagctctcc tccgcgttcg cagccgccgt catcccgcg aggagcgcgc 60
agccccgggg aggcgggagg acgcgcccat agaatgccca ggggcgacaa actgtcctga 120
gccccctctg tgagccacc tgccgtgtccc atacgccccg cccaccatgg agtcagagg 180
gaagtcagcc agcagcccca agcccagac caaggtgccc caggtcacca ccgaggccaa 240
ggtacccccg gcagccgatg ggaaagcccc cttgaccaag ccctcgaaga aggaggcccc 300
ggccgagaag cagcagccgc cagcagcccc caccacggca cctgccaaga agacctcggc 360
caaggccgac cctgcccttc tcaacaacca cagcaacctg aagccagccc ccacggtccc 420
cagcagtcgc gatgcaaccc cggagcccaa gggtcctggg gacggggcgg aggaagatga 480

```

```

ggctgccagt ggggggacctg gggggccgagg tccctgggtcc tgtgagaact tcaacccccct 540
gctgggtggct ggggggtgtgg ccgtggcagc catagccctg attctcgggtg tggccttcct 600
ggtccggaaa aaataatacc tgggggcccag gcgggggggca cggagccact tcctgtacag 660
acccgaggaa gccagtgcac gcagagttca cccttaccta ttcgtacaca cgcacattca 720
ttacacacct acatatgccc ccaacacacg cgacgggtga agaggacgcc cgagcccacc 780
cctgttgacc caggacttcc ccaacctcca gggcagaaaag agcccaggct ccgggggtcca 840
cagcacagga tgtggggcga gggcacagct ggggaacggc aagaaaggaa tggaccctgt 900
gtgtggcccc cccacccctg gcggtgggt gatcctgggc cccaggggt ggtctgagt 960
cagggtgggg tgccgggatg ggttgggcct gggcccggcc ctctgtggga cattaagggt 1020
cgcggtggct ccactcgccc catttctgct ctttgcgtac ccaccggggg tctgcatggg 1080
cgaatgcagt gggacggacc tggggtgggc actcacctca gcagagcctc aatgccacct 1140
ccccacacca cccaagccta gctgggtggg aagacggagc cctgaagcct gcgtgtggag 1200
ggggtgctgc ccaaggctcg ccttccccag cttgtgtccc aggggagccc cgacgccggc 1260
ggggaggcag ggatgtcgag ggccccctcac agctgtgccc cgccctgccc cgttagactg 1320
cccctccag cttgcacccc agcacccacc tgagtctaac cagcgtataa tgcaataaca 1380
ggtagagtag aactgctttt ggcggcgacc gtcacacact gtcctcagcc cactgcaccc 1440
tggggaaacc cctcgtgcag cccctcctta gcacatccag tcccagcgtg gcccttggcg 1500
cgcagcagca ggcgaactcc cagaagggtg tggtgggcac tgtgagaacg tggcctgccc 1560
tgcaactggc cagtggccac aggaaccccc ggctgagtg gaggctgagt ctgaaataaa 1620
ctctgtcgtc tgaaaaaaaa aaaa 1644

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<210> 8272
<211> 2293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2249)...(922)
<223> similar to gi5281517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8272
tttttttttt ttaaggattt actaatattt attaatgtcc accaacattt caacggggcca 60
caggcagggc tgggagttgg gggagaagga gtggctcccc tcccgacaac aggtgaccct 120
cacccccggc tcagggcccc gaggggggtcc tggaaacact cagctcaag gagcggagg 180
gaatggcttc ctgttctcac ctccgggtcc aggcactggg ggtgaggaag tggctgggag 240
gccaggaagc tggaggaggg gaggtgctgg gggccagggc tgtgcgggag gggatgggat 300
cctgtgggta ccttggcccc tgtgccaggg tcgggggaac gtgacactag gtgagaattg 360
ggtagaaagt gtgtgtgaaa gggcatgcgt gcatgtgatg ttggtgccat atctataggt 420
gtcgttgtca tgggtgtgtg tgtcactgtg tctgtgtgtg acatcatcac cgtctgtgtg 480
atgccatcgc cgcgtctgtg tgacattaat atgtgtgacg tcgacatggc ccgtgacgtc 540
gttgcgtgat ctccgtgtga cgtcatgcca agttcccat gtctgtgtgc gacgtgctgc 600
atctgcacga cgcctatcgt atatctcttc gtgacgtcta catggccacg tgacgccatc 660
accacggtga tatgtgacgt cagcgccggt gcttgcggtga cgtcatctcc gcggccgtgt 720
gctctgggtg agggatcgtg aggcgcgggt gcgggtgtga gagggtaact ggggtttgca 780
tgcaggaggt tgtctgatgg tggccctggg tggttggggg cggcgggagg ggggttgtgc 840
gggcgctgtg agcatatccc tgcatcctcc gcaaaccgcc gagtcgggcc atcccttgg 900
cctcaggcct ggagcctcct cagccactgg atggggctac agggatgcct gcagggggcc 960
tctgggactc caggatcttc ctcttgaact cctccaggct agctgggtcg atgggctggg 1020

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ggttggggac agggcccatg ggccttgaca ctggcatcat cggctgcgac ttggtcttga 1080
tgcaggtgtc cagggtgag tttctgatgg ccagctccat cctgagctgc tccgcctccc 1140
tcttcttctc ttccagctcc ttggccaggt tgtctcgttc cttccgcagc accgccttct 1200
cctccagcgc tagctgggtc tgccgggagc attcagcttg gagcttggcc tcccgggcct 1260
gagcctcctt ctccaccttc tgtttcgcct cctgactggc ccgcaggccc tgctgggctt 1320
ccagcttctg gcgttgaggg tctgagttct cgcgggccac gcgttcgata tccgcccgga 1380
ggctccgggc cagctcctcc accttgagac tcatgaggct gggcatgtgg tcgcaggctc 1440
tgcggtatga ggccaattcc gagcccaggg gatggtagag gttgtaaccc aggttgtcca 1500
ggctgcgtgg gataatggag tccctccaca ggttacgaag gtccatctca aacttgtcct 1560
tgtccagggg caggcagagg gcttgacact tttgcagttg ctccctggcc agctggcgct 1620
cttggtgctg cagctcccgg gttttcacgc attcaaccag ctgttcctcc gccacgcggt 1680
tggtcagcag cacgctttcc ttatccttag tgcaaatggt cttctccttg gctatctcca 1740
cctccagcgt cttcaccttc tgattcagca tgaagagcaa ggcatcgag ctcttgttca 1800
tgtccttgaa ttgatctctg cattgcttct cactcaagat gatggcagcc atgtacctct 1860
gattgttcgt gtagatgacc cggtcaccct ggcaactggc gaagctggca ttgatgcggt 1920
ccaggtcgcg gcgagcattc agccacatct gcatgatggc atccttggcg cgggtggtga 1980
agttgagctc cttggtcaag ttggactggg aggcctgag ccctaggagc tgactgtata 2040
ggccctcggc tcggcgctcg gtggcctgca ggttgactc tgtgctcacg tgcacgttgc 2100
catagaccat gaagagcacg agccccagga tgatgaggaa ttggatgagg gagacgaaga 2160
ggaagaagta gcgcaggtaa taccagcagc cccgagagct gccccccgcc cgagcgtagg 2220
acctccgtg ctccatggcc agaccattt gctcgatccc gcagtccggt gcaccgtccc 2280
tgctcacacg aaa 2293

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```

<210> 8273
<211> 3421
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(3422)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (528)...(2329)
<223> similar to gi31658 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8273
acatccccgg gtcgacgatt tcgaggggag cttcttttctt gctcacctcg gcgatggcta 60
gtatggccgc agagtgagac aaggctccca attgcatcct tggaggcaaa gttaaagatt 120
ttatgattaa gtacttaaca tttcctgttg gaagtttggg ggcctcagat ttctcctctg 180
agcaggacat acaacagagg gttggacaca gatggccaga gttgaagcta ggccaggaaa 240
catcgctgtg tctttggaaa caaaagtcac cttccttcct ccaggagcaa gggcggggtga 300
gaggaagagg gcttatagag agccttttca agccccatgc ttgggttatgg gttattttgt 360
ttttgtcatt ttaggggtgag gcaactccaa ggtcctactc tctttctgtg cctgttaccc 420
accccgctct cctaggggtgc ccttgagccg caaaactgct gtccacgtgg accgggggtg 480
acatcgcacg tccatctgcc aggaccctcg cgtccaaatt ccgagacatg gcgaccaacg 540
gcagcaaggt ggccgacggg cagatctcca ccgaggtcag cgaggccctt gtggccaatg 600

```

acaagcccaa	aaccttggtg	gtcaaggtgc	agaagaaggc	ggcagacctc	cccgaccggg	660
acacgtggaa	gggccgcttc	gacttcctca	tgtcctgtgt	gggctatgcc	atcggcctgg	720
gcaacgtctg	gagggtcccc	tatctctgcg	ggaaaaatgg	tgggggagcc	ttcctgatcc	780
cctatttctt	gacactcatc	tttgcggggg	tcccactctt	cctgctggag	tgctccctgg	840
gccagtacac	ctccatcggg	gggctagggg	tatggaagct	ggctcctatg	ttcaagggcg	900
tgggccttgc	ggctgctgtg	ctatcattct	ggctgaacat	ctactacatc	gtcatcatct	960
cctgggccat	ttactacctg	tacaactcct	tcaccacgac	actgccgtgg	aaacagtgcg	1020
acaacccctg	gaacacagac	cgctgcttct	ccaactacag	catggtcaac	actaccaaca	1080
tgaccagcgc	tgtggtggag	ttctgggagc	gcaacatgca	tcagatgacg	gacgggctgg	1140
ataagccagg	tcagatccgc	tggccactgg	ccatcacgct	ggccatcgcc	tggatccttg	1200
tgtatttctg	tatctggaag	ggtgttggct	ggactggaaa	ggtggtctac	ttttcagcca	1260
cataccccta	catcatgctg	atcatcctgt	tcttccgtgg	agtgacactg	cccggggcca	1320
aggagggcac	cctcttctac	atcacaccca	acttccgcaa	gctgtctgac	tccgagggtg	1380
ggctggatgc	ggcaaccag	atcttcttct	catacgggct	gggcctgggg	tccctgatcg	1440
ctctcgggag	ctacaactct	ttccacaaca	atgtctacag	ggactccatc	atcgtctgct	1500
gcatcaattc	gtgcaccagc	atgttcgcag	gattcgtcat	cttctccatc	gtgggcttca	1560
tggcccatgt	caccaagagg	tccattgctg	atgtggcggc	ctcaggcccc	gggctggcgt	1620
tcttggcata	cccagaggcg	gtgaccacgc	tgcctatctc	cccactctgg	gccatcctct	1680
tcttctccat	gctgttgatg	ctgggcattg	acagccagtt	ctgcaactgtg	gagggcttca	1740
tcacagccct	ggtggatgag	tacccagagg	tcctccgcaa	ccgcagagag	ctcttcattg	1800
ctgctgtctg	catcatctcc	tacctgatcg	gtctctctaa	catcaactcag	gggggtatct	1860
atgtcttcaa	actctttgac	tactactctg	ccagtggcat	gagcctgctg	ttcctcgtgt	1920
tctttgaatg	tgtctctatt	tcttggtttt	acggtgtcaa	ccgattctat	gacaatatcc	1980
aagagatggt	tggatccagg	ccctgcatct	ggtggaaact	ctgctggtct	ttcttcacac	2040
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tggctctcat	ccccgggtac	atggccctaca	tgttccctcac	cttaaagggc	tccctgaagc	2220
agcgcaccca	agtcatggtc	cagcccagcg	aagacatcgt	tcgcccagag	aatggctctg	2280
agcagcccca	ggcgggcagc	tccaccagca	aggaggccta	catctagggt	gggggccaact	2340
caccgacccg	acactctcac	ccccgcacct	ggctgagtgc	gaccaccact	tgatgtctga	2400
ggataccttc	catctcaacc	tacctcgagt	ggcgagtcca	gacaccatca	ccacgcagga	2460
caggggaggt	gggaggacag	ttagaccctt	gggtggggcc	tgccgtgggc	aaggataccc	2520
ggtggcttct	ggcacctggc	gggctggtga	cctttttaat	ccaggcccca	tcagcatccc	2580
acgatcggcc	ttggttaaccg	ccgcggtaga	tcatttttat	cccgccaggg	agtgtgatgc	2640
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gcacaggaaa	agggcatttt	gttacaatgg	gggacttttc	cgggaacgct	tgctcttaag	2820
taccagaagc	cggcggagct	ctggcttttcg	tgatttttgt	tttctccttc	ccaaggcagc	2880
tggattgaaa	aaacaaaaca	aaacaaaaaa	acccaggggc	gtcagtcgat	attctcaggg	2940
ccgcttctcc	tgcagtctgt	ggagcgtcct	tgtccccgcc	gccggaatga	atgagcattc	3000
tgcagccga	tgtccctgtc	ccctcctcgc	cgggccattc	tgattggacc	tggcccagtg	3060
caatctgtcc	agacaagccc	tgcttgctgg	aaaactgcc	caagcacaat	tgatctcttt	3120
ttatcgccat	tccagggggc	tcaggctcta	ctggggaaac	ttcctatacc	ggagctccag	3180
tttctcttaa	gctgcccaat	ttcacagagt	acaaaatagt	tgtaggggaa	atcaagggtga	3240
aggatctgtc	cgacagtcaa	gacggatcca	caggaaatctt	tcggtctcct	taaactacca	3300
ccctcgtgct	cacccacccc	aaggtgnttg	ccgcctcacc	ttccttgaaa	tttctcagcg	3360
ggagtctcaa	cacaaccact	aaaaccacc	cagaccgtgt	attgcggccg	ctcgagagga	3420
t						3421

<210> 8274

<211> 1483

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(1484)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (181)...(749)  
 <223> similar to gi2585991 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8274

tcatggcaag	agcgagcagt	ggtgctgatg	ttgagagaag	cccagggtag	cactaattga	60
gggagtgagg	aagagagcag	ctcgcttcta	actggactgc	acgttgggtga	cagcgtccca	120
agctgggtgac	agaccactc	tgttaactttc	agctagattc	agccaccaga	tcccagaaac	180
atgacccttg	ctgcctacaa	agagaagatg	aaggagctcc	cgctgggtgc	cttggtctgc	240
tcctgcttcc	tggccgatcc	cctgaataag	tcgtcctaca	aatatgaagc	agacacggtg	300
gacctgaatt	ggtgcgtcat	ttccgacatg	gaagtcatcg	agctgaacaa	atgcacctcg	360
ggccaatcct	ttgaagtcac	cctgaagcca	ccctcctttg	atgggggttcc	cgagttcaac	420
gcctccctgc	caaggcggcg	agacccatcc	ctggaagaga	tccagaagaa	actagaagcg	480
gctgaggagc	gaaggaagta	ccaggaagcg	gagctcctga	aacacctagc	agagaaacgg	540
gaacatgaga	gagaggtgat	ccaaaaggcc	attgaggaaa	acaacaactt	catcaagatg	600
gctaaggaaa	aactggccca	gaagatggaa	tccaacaagg	agaacaggga	ggcccacctc	660
gccgccatgt	tggaacggct	gcaagagaag	gacaagcacg	ccgaggaggt	gcggaaaaac	720
aaggagctga	aggaagaggc	ctccaggtaa	agcctagagg	ccaaagaact	ttccagggtca	780
gccggacagc	tccagcagct	ccacgttcca	ggcagcctcg	cccgccggct	gcgctcccag	840
cactgggggtt	tggggggagg	gggggtggcca	aggggcggtt	tcctctgctt	ttggtgtttg	900
tacatgttaa	gaattgacca	gtgaagccat	cctatttggt	tccggggaac	aatgacgggg	960
tgggagaggg	gagaggagag	agtttgggaa	agggagatgg	agaagaactc	aaggacattg	1020
caaccctgcc	cggcgagat	ctgattttca	catctctacc	tggacattga	gcctccaggc	1080
accatgttga	ggagagatga	aaaccagggc	ggtagaactt	caggggtgaag	gacagagtcc	1140
tgggtggggc	agcggctgca	gggcgcacca	gagaacccag	ccagaggggg	tgtgagtacc	1200
agtgtgtgtg	cttccaccct	gcagcagggtg	ggatgagggtc	tgtgtgtgtg	tgtgaaccat	1260
cattttttga	tcatcatgac	caatgaaaca	ttgactccaa	gtgtccagtt	ctttattttcc	1320
caaattgtgtc	ctttgggtaa	ttgttaaaaa	gttctcgaaa	cctggctttc	atccatctga	1380
tggcagatgc	ccctttgctt	ccttaattct	gccattcaag	catctggagc	ctgggtgagg	1440
tgggttgaat	cangccagcc	tttggcataa	ttgaaaggtt	ttt		1483

<210> 8275  
 <211> 2646  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (17)...(1808)  
 <223> similar to gil477468 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8275

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aatagtttg	gatgaatacc	taactggacc	ctttggcctg	attgcacagt	attcactatt	180
gaaggaacat	gaagtggaaa	aaatgttcac	acttaaagga	aatcgtttgc	cggcagctga	240
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tcacagggag	gagtacagct	tagatctcat	tccattcgat	ggggatctct	tatccatgga	480
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agccaagggg	ctgatgaccc	tgcaagctct	gtatggaacg	atccccaga	tctttgggaa	600
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tgtatt						2646

<210> 8276  
 <211> 3048  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (643)...(3049)

<223> similar to gi3059135 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8276

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cttgaccag	gaagaagtct	tagcagccag	cgggcccttg	tcaggaaact	ctaaggta	180
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gagttcggcc	aaggaagtct	tccgctcgct	cgggagcgag	gagcctgtaa	agaggctgtt	360
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atagaacccc	ccaagccacc	acaacacccc	aaactaccta	ttcagaggag	tggggaaact	2580
gatcctggga	ggaagtcccc	aagcaggcct	atcttggtatg	gcaagtggga	gccctgcccc	2640
gaggtggacg	tggggaagtt	ggtgtctagg	ctgcaggatg	gagggaacca	gatcacccca	2700

aaggccacca	atggacccat	gccaggctct	gggcccacca	agaccccctc	tttccacata	2760
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aatgcggggg	aaatcacatc	atctgtggtg	gcttccagga	ccagggtttt	tgaacagct	3000
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<210> 8277
<211> 1570
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(1044)
<223> similar to gi688408 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tgagatgggg	tcccaggtct	cggtggaatc	gggagctctg	cacgtggtga	ttgtgggtgg	180
gggctttggc	gggatcgag	cagccagcca	gctgcaggcc	ctgaacgtcc	ccttcattgct	240
ggtggacatg	aaggactcct	tccaccacaa	tgtggctgct	ctccgagcct	ccgtggagac	300
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cctgcccttc	tctcatctta	tcttgccac	gggcagcact	gggcccttcc	cgggcaagtt	480
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tcagatgttt	tcatcttcga	atgaacttgg	tgatctggat	gtctgcggca	agtctcagca	1500
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gtgctgatgc						1570

<210> 8278  
 <211> 1104  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (806)...(449)  
 <223> similar to gil850098 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8278  
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 cagcctgatg tctatgggac ctgagtccac actgtggagg gcacaagctg tgggagggcc 120  
 tggaagacac gcctcagaga ttctcccagt cctgccaccc tgtgggagac acttcaaagg 180  
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 taccatttgc aatgccaaac ttgataagcc caggaggagg tttttcataa ctgacagcgc 840  
 cgtggccagt ccccgccgcc cattctctct tcttccgggc ctcgccacac caacactgca 900  
 ggacctgtgt cctcgtccct tctccatagc agaggatgaa aagaacgggg tttctccatg 960  
 tcgcagtggc ccagggaact cagaggtgga gcgcgggggc agcgtgctcg gttgaacttg 1020  
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 gtcccgggaa atccaagccg ggcg 1104

<210> 8279  
 <211> 3205  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3011)...(1114)  
 <223> similar to gi5931594 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8279  
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agtcagatttt	tctgtccccc	agagggagaa	ctcccgacc	cccagttccc	agggggcctg	180
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taaagggtag	aagttgttca	ttttgttttc	ctttgcaaga	ttttgataga	atctagtata	300
aaggctgtct	ggcttagctc	agaatgcaag	aaaaggtggt	attctttcgc	atttgggcac	360
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gagaggccct	tgcggaggcc	cagcaaagag	tggttcagga	tgacacagaca	ggctctctgg	480
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accttcaacc	agaggtaagg	atgccttttc	tcccgaaaag	gctagcaggc	tgcggtaggt	3120
ggaagggtgag	gtcgggggat	ggtatccccg	aggagctgac	tcccggtcag	agctggaaaa	3180
gaaatgtgcc	agtcaggaaa	gagga				3205

<210> 8280  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (237)...(534)  
 <223> similar to gi3549666 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8280

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gtttgggtaa	ctgtttcctt	tccaaaagga	ctctctgggt	acgccgtctt	tctctttgcc	180
tcagccactt	ccttccttgg	cctcacccctc	cccagtcac	tgaagaaggt	aaccgggtcc	240
agaccacgc	ggcgccagtt	ctccggcggg	aaggaaaacc	gcgcagagag	gcagcaatga	300
atgtggatca	cgaggttaac	ctcttagtgg	aggaaattca	tcgtttgggt	tcaaaaaatg	360
ctgatggaaa	gttaagcgtg	aaatttgggg	tcctcttccg	tgatgataaa	tgtgcccaacc	420
tctttgaagc	attggtagga	actcttaaag	ctgcaaaacg	aaggaagatt	gtaacatatc	480
caggagagct	gcttctgcaa	ggtgttcatg	atgatgttga	cattatatta	ctgcaagatt	540
aatgtggttt	acatatcttt	atgtactgcc	attttttgtt	tctggtaaac	tggaatataa	600
agtgaaagaa	caaacatttg	aacatactta	atgtattttt	atagaacttt	gtaaacgaaa	660
ggagattcat	gttttagaag	tctgtccttt	tttatatctt	gaaagaaaat	ctatgtatga	720
tgctataaaa	taaatcctat	tatttttctc	aggaatctgg	ttaggaattg	caggcaatga	780
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atatttgaca	ttctgcgaaa	gcaacaagca	aactgaagac	caactcctat	gagaaatatt	900
atgatgttta	tgtaataaag	acatgtaact	gtcttaaat	tgcaaaaaaa	aaaaaaa	957

<210> 8281  
 <211> 2279  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1397)...(582)  
 <223> similar to gi2104536 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8281

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tgtagatctc	cttcctttag	taatcactgt	taaggagatc	ttcatgtgaa	aaatacatgt	180
agaagtttta	aaaattttgtg	gatataattg	tcattcagaa	ttaagcaggt	tgattgctgt	240
tatctaggat	gggtctcttc	ctttatgttt	ttcagtcaca	taatcttgat	ttccatagtt	300
atcacatgta	cttaaaggaa	gttaatcaat	gcctatatgg	tccaagggtat	aatttgcaca	360

cagtagtttt	tggtttttat	attgtggatc	atatgtatca	aaggtaatat	tcataaagaa	420
caatgttata	gttggctaca	aagggacaat	tccacatttc	tatacagggg	atattttaag	480
ggtagagtta	tatcagctat	ggtgattgag	tttaaataatc	cctgcagggg	caggaacaaa	540
ccagctttcc	cataagtcgt	tgtgaacact	agggaagtcc	caaggtttat	gtcttccatt	600
ccagtggagt	aatttagctt	cctgcagaaa	atgctccgaa	tatctggcat	ctggattcca	660
gccaggtgc	cttatgtgcc	acaggggggt	aattgtggaa	tatttcccat	gaaacacaa	720
cagcattggg	gaggtggcca	cccctcctcc	cagggagctg	ctatagaggt	tttcctccac	780
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cgcccggcag	gctttgtagc	gaccttccct	gcccgggtcc	cagtcacggt	cgggagcagc	2220
cgccgtggcc	cgggctcgcg	aggcaggctc	ccgcccgcac	cctcccgtgt	gagacgaaa	2279

<210> 8282

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8282

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gagagacgca	ggagaagcgc	ttcaaggacc	cgggactagt	ggaccagctg	gtgaaggcag	180
acagcgagtg	gcgacgatgt	agatttcggg	cagacaactt	gaacaagctg	aagaacctat	240
gcagcaagac	aatcggagag	aaaatgaaga	aaaaagagcc	agtgggagat	gatgagtctg	300



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agcggataaaa	gttggaagca	gagcgggtttg	agaacctccg	agagattggg	aacctttctgc	480
accctttctgt	acccatcagt	aacgatgagg	atgtggacaa	caaagtagag	aggatttggg	540
gtgattgtac	agtcaggaag	aagtactctc	atgtggacct	ggtggtgatg	gtagatggct	600
ttgaaggcga	aaagggggcc	gtggtggctg	ggagtcgagg	gtacttcttg	aaggggggtcc	660
tggtgttcct	ggaacaggct	ctcatccagt	atgcccttcg	caccttggga	agtcgggggct	720
acattcccat	ttataccccc	tttttcatga	ggaaggaggt	catgcaggag	gtggcacagc	780
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gcttccgtca	ggaggtgggc	tcccatggcc	gtgacacccg	tggcatcttc	cgagtccatc	1020
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tgtttgaaaga	gatgattacc	accgcagagg	agttctacca	gtccctgggg	attccttacc	1140
acattgtgaa	tattgtctca	ggttctttga	atcatgctgc	cagtaagaag	cttgacctgg	1200
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tcctggagaa	ctaccagaca	gagaagggca	tcactgtgcc	tgagaaattg	aaggagtcca	1440
tgccgccagg	actgcaagaa	ctgatccctt	ttgtgaagcc	tgcgcccatt	gagcaggagc	1500
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tgccatgtac	cacacagatg	ttcctgtctc	ctcgcatggg	catagggacc	catcattgat	1800
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<210> 8283

<211> 1971

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (307)...(1279)

<223> similar to gi4226073 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8283

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tattttcttt	ggatttctct	tttctattta	aagattgccc	tatcagaatc	ccatcttcat	180
ttttttgttc	tttctgacat	aggttttcaa	gggacatgag	tgacccgagg	atggtgttga	240
gcctctcttt	gtaaggggtt	tttctttgtt	actcacgtac	tggtaattat	cttaccatct	300
ctgcagagcc	caccacacct	tgggttcctg	ttggacatcg	atggagtgtc	tgtgcggggc	360
cacagagtga	tccctgtctg	tctgaaagcc	ttccgaaggc	tggtgaactc	ccaggggcag	420
ctgcgggtgc	ccgtgggttt	tgttacaaat	gctgggaaca	tcttacaaca	cagcaaagcc	480
caggagctgt	cagccctgct	ggggtgcgag	gtggatgcag	accaagttat	cctctctcac	540
agcccatga	agctcttctc	cgagtaccat	gagaagcgga	tgctggtgtc	tggacagggg	600
cccgatgatg	aaaatgccca	gggactgggc	ttccgaaatg	tcgtcaccgt	ggatgagctg	660

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cggatggcct ttctctgct tgacatggtg gacctggagc ggcggctaaa gaccacgccc 720
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gatgtactt tttactgtat tgtagtttat tgcccggaga tgtggggctt tttttttaa 1920
taaaataatc ataataaatg ttcattgatg tgactcttgt gaaaaaaaaa a 1971

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<210> 8284

<211> 5365

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(4137)

<223> similar to gi2224663 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8284

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atccaccaac atcgtgtcag tgtgccgcgc cactgggctg gggcctgtgg atcgtgtgga 480
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tgacttggcg cagtccaata gcgagcacag ccgacactgg ttcttcaagg gccagctcca 840
cgtggatggg cagaagctgg tgcactcact gtttgagtcc atcatgagca ccaggaatc 900

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ctcgaacccc	aacaacgtcc	tcaaattctg	tgataacagc	agtgcaatcc	agggaaagga	960
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aaatgccaaa	atctcagcgg	actcgatgat	ctgctgctg	atgttccttc	tgtggctgtg	4320

tctat	tttca	gttctgctct	aacatggcat	gccctttctc	agcccaggaa	acagcatgtg	4380
gttcagagaa	aagagcgaca	aggaaaagtt	aggactcctg	aggtccgaac	aggggcttct		4440
gttgccact	tcacaacacc	cagtgatcac	cgggtgtgcaa	ttgcctcctt	ggctctgagg		4500
gatgttttgc	gctccctttt	ctcatcattg	gggttagcgg	gtgcagacaa	attcagcaat		4560
agtatgcaga	tcagcccctc	accacctcat	tgttctcatc	tggaactgaa	actttctgga		4620
tttctcttga	agtgtctacac	tgcactgaat	gtaaggaatt	gttgcttgtg	gaagtttctc		4680
agcgtttctg	gctgtcttag	ggctggcctc	agaaccagc	attcctgtta	tttgcttcta		4740
aattagcagc	tctctttttt	ttttttttt	tgaggcagtc	tcactctgtc	acccaggctg		4800
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tttgatattt	tagtagagat	agggtttcac	catgtctccc	aggctggtct	caaactccta		4980
acctcaagtg	attcgctgc	ctcggcctcc	caaagtgtg	ggattacagg	tgggagccac		5040
tacagctggc	ccagcagctc	tgtttctgat	agaggtggtt	ggggctctca	tccctagatc		5100
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gttattattg	caaagcactg	tcaccggcct	cagggagttt	atgtgtaata	gaattaaaaa		5220
taatagctgt	gtataacact	tagctcaagc	cacgcgatgtg	tgaggcattt	ggtatgtatc		5280
tgaattaatt	ctcactaaaa	ttcagcaaa	gacttgatag	cctctccccg	ccttttcaat		5340
aaaggatgaa	tgaagaaaaa	aaaaa					5365

```

<210> 8285
<211> 581
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (528)...(334)
<223> similar to gi4679018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

tttttttttt	ttcaaatgag	ttggtttaat	ttcaggatgat	acaaagttta	gggtagaaca	60
aggaccaaag	aacagactct	ggcaagattc	tgagctgggt	ttactttaaa	ttcacagtta	120
tggtaggaat	gacttagtga	aaacaactaa	agagatgatg	agccactgta	agatttttct	180
ttttttacaa	aagtttattc	ttaaatgtac	aacagctcca	agacaacact	taattccagc	240
tatacgtggc	aaaagatggt	atggcaggga	atagagaggt	ttaaatacac	atgaaataaa	300
gggtcaccat	ctcctcaggc	acaaggaaca	gcttactttt	tgccagattt	cttaattcca	360
cctgtggcca	agggcccctt	ccccgcggcc	ttcgctttta	gctcctcgag	tttcttctgc	420
tcctcttttt	gtttctgctt	gaaagcctta	tcttcctcgt	ccatctcctt	ggcctgcttc	480
ttgggctgtt	tcagtggctt	cttcttgcca	ccttcgcggc	cggacatggc	gcctgccggc	540
gcttccccag	accctgccac	cggaaagctc	cttcagaaaa	g		581

```

<210> 8286
<211> 1682
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (20)...(1030)  
 <223> similar to gi4680691 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8286

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caaaaatacaa	gtgaatcacc	cggcagttct	gaggcggtgcg	gaacaaatcc	aggctcgcag	180
aaccgtgaaa	aaggagtggc	aggctgcttg	gctcctgaaa	gctgtttacct	ttatagatct	240
tactacactt	tcaggtgatg	atacatcttc	caacattcaa	aggctctgtt	ataaagccaa	300
atacccaatc	cgggaagatc	tcttaaaaagc	tttaaatatg	catgataaag	gcattactac	360
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aggctgtaat	atccctgtgg	catcagtggc	cgctggattt	ccagctggac	agactcattt	480
gaagacacga	ttagaagaga	tcagattggc	tgtggaagat	ggagctacag	aaatcgacgt	540
ggtaattaac	agaagcttgg	tgctgacagg	ccagtgggaa	gccctgtatg	atgagattcg	600
tcagtttctgc	aaggcctgtg	gggaggctca	tcttaaaaact	atattagcga	caggagaact	660
tggaactctt	actaatgtct	ataaagccag	tatgatagca	atgatggcag	gatcagattt	720
tattaagacc	tctactggaa	aagaaacagt	aaatgccacc	ttcccggtag	ctatagtaat	780
gctgcgggcc	attagagatt	tcttctggaa	aactggaaac	aagatagggg	ttaaaccagc	840
aggaggcatc	cgcagtgcaa	aggattccct	tgcttggtct	tctcttgtaa	aggaggagct	900
tggagatgag	tggctgaagc	cagaactctt	tcgaataggt	gccagtactc	tgctctcgga	960
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aatgtcttaa	atcagtcacc	agttccagaa	aagttcttta	cgacaatgtt	taaaaattat	1080
ttttctacgt	aattgtctaaa	attattttaat	taaaaaattg	ggcagtaggt	aactggcatt	1140
cctctcttta	aaatttctac	cgaacttaat	ggaatggaaa	aagcaaaactc	atccacatgt	1200
ggtactcatt	tcaggcacat	ctgaaatgat	cttaattact	agaagatctg	cactattaac	1260
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cactaatttc	cctgctgtgg	aaaactcatc	ttttcatttt	tggcccgtgg	gatagggcgc	1500
ttttattaat	tgttggtccc	taatgaaatt	tctggacatt	gtcatataca	acgatgaata	1560
tcattaaaaa	ttttaaaaata	ataaagttcc	tatagtttat	ttttttaaaaa	aaacttaaaaa	1620
attgttacaa	tacataatga	aaaaataatc	cattaaacat	aaaaagaggt	ttgatcaaaa	1680
aa						1682

<210> 8287  
 <211> 1938  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (132)...(648)  
 <223> similar to gi4836723 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8287
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aaggcgtaag gatggtgaag ctgaacagta accccagcga gaagggaacc aagccgcctt 180
cagttgagga tggcttccag accgtccctc tcatcactcc cttggagggtt aatcacttac 240
agctgcctgc tccagaaaag gtgattgtga agacaagaac ggaatatcag ccggaacaga 300
agaacaaagg gaagttccgg gtgccaaaaa tcgctgaatt tacggtcacc atccttgtca 360
gcctggccct agctttcctt gcgtgcatcg tgttcctggt ggtttacaaa gccttcacct 420
atgatcacag ctgcccagag ggattcgtct ataagcaca acgctgtatc ccagcctccc 480
tggatgctta ctactcctcc caggaccca attccagaag ccgcttctac acagtcacca 540
gccactacag cgtggccaag cagagcactg cccgggccat cgggccgtgg ctgtcagcag 600
ccgctgtcat ccatgagccc aagccgccc aagcccaggg ccactagagg cctgccccag 660
ccagaatggg gggcgggggtg gagaggagga ccccatattg ctaagccaag ctccagttac 720
aagacaacac tgtactcctg ggatatgggg gcgggggagg ggcagggcag ggtgggggga 780
agaacgcacc aaaaacgtgg tgtgtgctgg agttgtctga accgatattt ctttttgttc 840
cttggatttg ttgattcgtc gccgagtcag gctcatgtac aaaggcatgt ttcgtgttga 900
ttgttcccat gtaagatatt tttaaagcca ctgcttattc tttgttagga aaatgtaaca 960
gcagaaaagg aaagaaacaa agaacatgaa caaaaagcat taaactggct ccatcagaag 1020
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tcagtggggg ctccagggtt gcagagtatg agtgacacag accgggacta ttccattagc 1140
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gattttggca ttactaagcc cagaacgcac ataaccata gtgaaatgtg ctggcctctg 1260
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acaatgccaa atcgtttcta aagggaagctg aaaaatggga ctgtcttttg cccacttcgt 1740
tgtgttaaaa ggggacattt gtccaaactc cccaaccgag ttctagaagc tcctgacaag 1800
gaggcagcat ccagccttga ccaggcctcc cagttccctg gaaccgtatc aggcattcgc 1860
ctgcctctca caaatgtttc agggaggcca gttctgcagg gtgtcagctc caggaccac 1920
agggccagaa ccagctgg 1938

```

```

<210> 8288
<211> 1743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (149)...(578)
<223> similar to gi3551195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8288
cttcgtattg ccgaaccggc tcggaattcc cgggtcgacg tttcgtggac caggcgctg 60

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tgctctctcc	tgttccctcg	ccgcgtccgc	gaagcctgga	gccggcgga	gccccgcgct	120
cgccatgtcg	ggcgagctca	gcaacaggtt	ccaaggaggg	aaggcgttcg	gcttgctcaa	180
agcccgagcag	gagaggaggg	tggccgagat	caaccgggag	tttctgtgtg	accagaagta	240
cagtgatgaa	gagaaccttc	cagaaaagct	cacagccttc	aaagagaagt	acatggagtt	300
tgacctgaac	aatgaaggcg	agattgacct	gatgtcttta	aagaggatga	tggagaagct	360
tgggtgtccc	aagacccacc	tggagatgaa	gaagatgatc	tcagaggatga	caggaggggt	420
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cagaagggaac	cctccagtc	tgctctctgg	ccacacctgt	gcaggcagct	gagaggcagc	1260
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cttctctcat	ttgtcttcct	accctactca	cataattcac	tcattgactc	actcattcac	1560
cagatattta	ttgacctgct	attataagct	ttacatcctc	ccatgttggtc	ctggcatgtg	1620
cagtatacac	ggtctaactc	atctctcccc	agatctctca	gaaccttgag	cttgggaatt	1680
gaactggggg	cacctgtgtc	ctttcttatg	gactcgcagg	attttagaac	cctaattgcac	1740
ccg						1743

<210> 8289  
 <211> 2682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2485)...(1678)  
 <223> similar to gi2739372 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8289						
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gggggcggtta	aacttggttc	cttaaaacgg	gccccccctt	tttttttttt	ttcatttttg	180
tcatttatta	acctggaagc	aaatatgaca	aaacagtcac	actagtaagt	catctgaatt	240
ttttaaatct	cttaataaaa	caaccaaata	ccacgcaaata	cagtccacaa	gggaggcccc	300
cgctccaca	gtgcagggtg	actgagtgtg	caactacggg	ccaacccccg	cctctcaacc	360
ggaaggagg	gcactcaaaa	gagggaattta	gagaaaaggc	ggagaggggc	gacctcggga	420
aagggtctgg	gcggggagccc	cacctggctc	cccacccctc	ccgaaaccag	gggaaaagcc	480

tgtggcgtgg	cgctgctgtc	tcccattagc	agttacaggg	ccgaggcttc	ccgctgattg	540
gtggaaattc	cgatcttctg	atccctgatt	tgcatagaga	ctggggcctg	cacccccgcc	600
ccccaccagc	agcaatcggc	caacgccaac	ggtgctgcgc	caggagcggt	ctgggctcgg	660
cgccgcccag	tcctcctggt	catctcgga	gctgttttct	tccagctgct	tgggacagct	720
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ggtcctttcc	ttcccacctg	tggtaaggat	agtttctgct	acggcaagca	ctcaaactca	840
ggctggtttg	aagctaaagg	attcagacga	cttccaagta	tcaagaatga	aagaaaaaga	900
aacataataa	ggagcccacc	accaagactt	gtagttattt	cctcagaaaag	cccccatgcc	960
ccattttgtga	caaaaatccat	tcttgaagac	tgattctaga	agaaaccaag	taagatctag	1020
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aggagtacca	gatcagggca	gagacttccc	agctgggtaa	ggcatgcttt	gagggaagac	1260
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tttagaaaact	gcctcctctc	catctaatat	ggcaggcatc	ctgtggttga	tgtcactcaa	1980
gcctttgcag	gaatccactg	tgatgatggt	ataggaatac	aggacatctc	ctccctctgg	2040
gggctcccag	cagtcaaaga	tcccggccat	tgtcagcagc	ctccagttgt	cccagacttt	2100
ctcccagttc	tcaggactat	ctgcagcacc	aatgtctact	gacttctctg	tcttgatttg	2160
aggaaaatag	atgaagtatg	gctgcctctg	gtttgttccc	tgacatcgct	gccactcata	2220
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tgttcgccca	cacattcttc	aacaccgcc	ctcgcaacct	cgccccggca	gcgcgcgtca	2640
cctccctcga	ctctcctcac	ccccgctccg	ctccgctttg	gc		2682

<210> 8290

<211> 1568

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (215)^{\bar{}} \dots (922)$ 

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<223> similar to gi5823570 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<400> 8290



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gagggcgaagc	cgaagagaag	caactgtgcc	ccggagaaga	gaagctcgcc	cattccagac	180
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gaaggtagtg	ccaccttctc	ctatgactga	tcctactatg	ttgacagaca	tgatgaaagg	540
gaatgtaaca	aatgtcctcc	ctatgattct	tattggtgga	tgatcaaca	tgacattctc	600
aggctttgtc	acaaccaagg	tcccatttcc	actgaccctc	cgttttaagc	ctatgttaca	660
gcaaggaatc	gagctactca	cattagatgc	atcctgggtg	agttctgcat	cctggtactt	720
cctcaatgta	tttgggcttc	ggagcattta	ctctctgatt	ctgggcccaag	ataatgccgc	780
tgaccaatca	cgaatgatgc	aggagcagat	gacgggagca	gccatggcca	tgcccgcaga	840
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aaaggaatta	cagacctcta	ttttttgaag	accgagcagg	gattagctgt	gtcagggaact	1020
tggagttgca	cttaaccttg	taactttgtt	tggagctggc	acctcttgaa	ataaaaagga	1080
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tatgtttgaa	actagaggaa	ataggagtat	gctgggcaac	ttgttatttt	taaaatgttg	1200
taaatgttcc	ttctggtgac	tcttagtaat	gaaagtcgga	gaaaggggga	aacctcaggc	1260
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gtaatcccag	ctacttgaga	ggctaaggca	cgagaatcgc	ttgaacctag	gaggcgagg	1500
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ctgaaaaa						1568

<210> 8291  
 <211> 3252  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3042)...(2298)  
 <223> similar to gi3876260 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8291						
tttttcaaag	ttagcaagca	tcctccttca	ttaaaatgaa	aaccaggaa	ttctgcatcc	60
aggaattaat	ccagcaaaaa	atactgggta	cttcctaaat	gctcttcaag	agataattgg	120
ttacacaaat	tatgtgatat	ctaagagaca	gcagagcagg	gacatggaaa	cttaacacag	180
acaaccttca	agttgcacat	tttaattttac	aattttttacc	aataaaaagg	attagttttac	240
aaaaagggaa	gtcctttata	caaaataagg	atTTTTTTTT	tccatttgta	aagagaatcc	300
actgtcatgt	tttgcttctg	caagtcaaaa	ctcaaatagc	ttgttttggt	aaaattattc	360
cagaaacata	atccagacaa	aatcaataac	gtcatcagct	tcctaaccat	gtttaagagg	420
aataacttca	tgaacatttt	gccctgaact	gaagagttct	aaatacttgt	aaaccttttag	480
gaaaaaatga	ctgctcgag	gcagctgact	ggtaagaggg	tacaccagag	actccgggtc	540
actcactgtc	agaatattct	tatacatata	atgagtctcc	acgcctgtac	aatgagtgtg	600

cgtgcaacat	aattggaagta	atggcctcta	aaattttaca	agtaaacttt	attgtggcca	660
cagatgaaca	acaaaacatg	acagttaagg	ttcagactct	ccccacctat	tttatcatat	720
aaattaaata	tggagaggta	cacacaaaact	ctattcaaaa	tgagaagttg	tttgccaact	780
ctcatttct	aggataacac	acatcacact	gtttaagagt	gggggaaaga	atagtcatac	840
tgttagagca	caatgtttcc	tgaaaagaaa	ctgatcaaaa	cgtttgaagc	ctttttagtt	900
gcctcaaagt	gtgacagcca	ctcaatactg	ctcctaacag	tctgtcttca	gataacgtca	960
taaaaataaaa	taactgtgtg	aaaagccatg	gccttcaaaa	aactttattt	ggttatgagc	1020
caagctctga	taggaaaagc	ccacctacga	aaaaaagggtg	tgggtattta	agctgggatg	1080
attcacagag	cttgtagatt	catgactcaa	aataacacac	cctcaaacc	aaatgattct	1140
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aatgatctac	gtgcagagag	gagctgcgcc	ttcctcaaa	ttaattgaaa	catgacccaa	1260
aaacggggga	taggcaaaaa	agtgcattt	aaatagcgta	tgagggtctc	tcctccttta	1320
ctcaatgaac	acatatccag	aatgagattg	aaatggaatc	aatgccagg	agcctctcaa	1380
agagagcatc	tcctgtagc	caacatgatc	tggtactctc	taacacaaag	caaccccaact	1440
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cggtttaaac	ctaaccatg	ttagctgcaa	ctccactaca	gtcttgatca	cttagctcag	1560
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actcagtggt	acttttttat	aaaaatatct	gaagaagtgg	caaacggtta	caacggatgt	1680
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gccttggcaa	aagtcaataa	ataacagaac	ctgtcaaggg	cagagcaatt	ttatgggcaa	1860
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ctaggaccg	ctaaaaccca	ttattcagac	ggaaagggga	gaagagaaga	cacaaaaaaa	2040
tgtagtcagt	tttgcaattt	gcacagttgg	tatttgttct	tcacagcagt	aaggacttga	2100
atgagaatcg	tgaaacttgt	ggaacactta	tatttttctt	cgggatttaa	gaaactttgt	2160
ctcgtaactga	aagactacat	tcagtgtggg	tcagggtccaa	cagtgttagc	cagaacgcag	2220
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cgcccttcca	ctggcttcca	agtcgaaagc	cctggcccca	gttgtgtctc	cgctctccgc	2340
cattctgac	agcagctcgc	ctcatgctag	cagggggcac	accaaactct	gatactctct	2400
ctctctact	gggcagccag	cgttacaaaa	actgaggtgt	ggatagaaaa	tttcttcctc	2460
ccaagtccat	tgggtatctg	aacattagga	aaaaataaag	atgtccaacc	agatttccaa	2520
taagctcatt	gattaccgag	cctccgatga	tatagttgaa	tccaaggata	accagggtta	2580
aatagcaggc	cttaaactgt	gttccaaacc	aaaatgatac	aatcatgtct	ctgttcagct	2640
gggccagac	ataaagtact	gacatgatca	gaggaatcat	cagcaactgc	atatccattg	2700
ctaagccagt	aatcacgatg	caaatccagt	taaagaggag	catgaataaa	tagtctgctg	2760
gcctccatc	aaaagctcct	gtttcaagtc	gcgtagaata	ctgatataag	aaatataaat	2820
tgaccaata	aagaaatcca	gttcctggac	ccacagggga	ataaaagggtg	gcagtgattg	2880
gcctccaaat	ctgaaagcga	taaaggaagg	cttcggggcca	gaggaagagg	taggccgggc	2940
tgatgaggcc	gagtttgccg	accaagggca	cggcgacggt	ggcggcgaac	caatagcgcg	3000
tgatcgccg	gatgtcctg	aaccagtctc	cgatgtccga	catcttcgac	ccacaggtag	3060
ccaagatgca	caagaccgcc	cgactccccg	tgccgacccc	ctcacgacgc	ggccggctcc	3120
cgcactgtta	ggtgtctaat	tggaaagccgc	cgaagccgcg	atgcagaagg	cggagacggg	3180
ggacgtggc	gccaccgaat	tcggaccagc	gaggcagcct	tctgaggcga	aacttcccct	3240
tcggcgacga	aa					3252

```
<210> 8292
<211> 899
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc feature
```

<222> (351)...(638)  
 <223> similar to gi4886451 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8292

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	agggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaaggggc	ttccgccacg	120
gccgtctctg	gagagcagca	gccatggccc	tacgctaccc	tatggccgtg	ggcctcaaca	180
agggccacaa	agtgaccaag	aacgtgagca	agcccaggca	cagccgacgc	cgcgggcgtc	240
tgaccaaaca	caccaagtgc	gtgcggggaca	tgattcgga	gggtgtgtggc	tttgccccgt	300
acgagcggcg	cgccatggag	ttactgaagg	tctccaagga	caaacggggc	ctcaaaaagg	360
gccacaaagt	gaccaagaac	gtgagcaagc	ccaggcacag	ccgacgccgc	gggcgtctga	420
ccaaacacac	caagttcgtg	cgggacatga	ttcgggaggt	gtgtggcttt	gccccgtacg	480
agcggcgcg	catggagtta	ctgaaggtct	ccaaggacaa	acgggccctc	aaatztatca	540
agaaaaggg	ggggacgcac	atccgcgcca	agagggaagc	ggaggagctg	agcaacgtac	600
tggccgccat	gaggaaagct	gctgccaaga	aagactgagc	ccctcccctg	ccctctccct	660
gaaataaaga	acagcttgac	agaagccctg	gctctcctgc	tgtccgtggg	tgggtgtggg	720
tgtgtcgggg	gcccgcagtc	ccctgtctgg	tgcccgtct	gagccacacc	ctctccgggt	780
gctgcctggt	cgtgaatcaa	aagccgtggc	ccgcccaccc	ttcccggggc	agcaggtgag	840
gaagccgccc	tactgcaa	gactttaatc	attaaatagc	ttctatgcc	aaaaaaaa	899

<210> 8293

<211> 2418

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1358)...(1814)

<223> similar to gi2304746 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8293

atctgaccat	cttccgcagc	ttctcaggg	ggggggaccc	tgccctttgg	acttggcgca	60
gctggcctgc	aaagccatag	agcatctggc	ctgagctctc	caatcatctg	ggcaaacttg	120
cacaggcgag	gccccattga	ctgctctcct	gagccacaga	actaaggccg	tatagctacc	180
ttactgggg	agcagcccaa	gtgcactgtc	tccatgtgtc	tgggtgggtct	ccagattgaa	240
gggctgccag	gagtgattag	gaaatcatat	tttttaagta	ttggactgaa	aaagagcact	300
ttaataaatg	gtttaatttt	tgccctgagg	aaaaatagct	acttttctcc	aataatacaa	360
aacataatgt	tctaaatgaa	atgaaattga	aaaagcagca	tgatgctctg	ttaaaatcag	420
aggtttcttt	ctcttttctc	tgttttctaa	cataagtgc	tttatgtgag	gtctaaactg	480
aatctttact	gttttctctt	gttttaaa	ccttatacat	attttctttg	catttctcac	540
tgtagagtta	ggacctgaat	ctttttctgc	cattttatgt	tgctgggtata	agaaatgatg	600
aaattttgac	tttgagaaa	actaacgagg	ttacctttta	actgctagaa	tactgatact	660
gtgttttaaa	aagttacata	aagggtacta	gtgtccattt	aaatacctat	aataacgcac	720
tagagaaaaa	aaagcactga	ccttgagagg	tgttcattgt	actcttccag	gaggcagtta	780
ttgcacattc	tagtgtatag	cattttcagt	tcatttttag	cttttgttga	ctaagtcttt	840



ttgaaattac	agcaggggcc	ttgggcaaa	g	agtgactgat	gcccttccag	660
agccagaacc	tccaggagcg	atggctgcct	c	ggaggaggag	gaagaggctc	720
tggaggccat	gcagtcccgg	ctggccacac	t	ggggctgcct	accccgtgg	780
gtgtgcacac	actcctctca	agagctgcca	t	ctcttgcact	acacctctgt	840
tgtgaggact	accatttttg	agaaggggtc	g	tttcattctc	tgcccagggt	900
ttgggatcgc	aaagggattg	ttcttataaa	a	agtggcataa	ataaatgcat	960
agtatagaca	gatatatctt	attgtgggga	g	atccatctgc	tcatgaagca	1020
cttctgaaaa	tataggtgat	tgcctgaatg	t	tcgaagactc	tacttttgct	1080
tatataaatg	aatttttaata	aatttttgct	t	tagcacttg	gccccattgt	1140
gtgcagtaaa	ctttcaaggt	gtcggctgcc	c	cagattgct	tcatttgctg	1200
gagttgctat	ggccaggcat	atgggatttg	g	aaagctcagc	agaagtgact	1260
ggttgctgct	ccccggcttt	cacagacatg	g	tatggcagc	cattctttta	1320
caagaggatg	ctggggaatt	gtgctgcttg	t	ctctgttggc	tgggtggctgc	1380
ggggtgtgca	tgtgggtcta	tttagagctt	c	gtgcccttc	cttcccattg	1440
ccagatgaga	cagctgtagt	actaggtctc	t	ttcacctct	cattgcctgt	1500
agctgggtgt	cttgtgctgt	ggacatgggc	c	ttcctatct	gtgttttctc	1560
gctgaccagg	agcacactaa	ggtgtgggtc	t	gcatcataa	ccaacattca	1620
acattcttaa	gatacattta	taaatcattt	c	agcagtagt	actttgtatg	1680
ttacagagct	ctttgacata	cgcgatctta	g	gtctttacaa	ataaggaaaa	1740
tgggaagtat	cagagatggg	attcaaacc	a	gatcctctg	gtccaagttg	1800
gaactaatca	ggcaggaaaa	aagcccagcc	a	ctgtctcac	agattgtttt	1860
tagcaaaatc	ctgaaacaat	ggggtccttc	c	agtcctc	atacaaaatg	1920
ctgggtgcgg	tggttcatgc	ctataatccc	a	gtgctttac	aaggctgagg	1980
tcttgagaat	aggagttcaa	gaccagcctg	g	gcaacatag	caagatcctg	2040
aaaaaaa						2047

<210> 8295

<211> 1958

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(1139)

<223> similar to gi4210353 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8295

acgaatcccc	gtgtcgatga	tttcacgggc	g	ggcgagagg	cggcaggaag	atggagttgg	60
ggagttgcct	ggagggcg	agggagcg	c	ggaggaaga	ggcgagcct	gaggtgaaaa	120
agcggcgact	tctgtgtgtg	gagtttgct	c	gggtcgcaag	ctgcgatgcc	gcagtggtct	180
agtgcttct	ggccgagaac	gactgggaga	t	tgaaaagggc	tctgaactcc	tacttcgagc	240
ctccggtgga	ggagagcgcc	ttggaacgcc	g	acgtgaaac	catctctgag	cccaagacct	300
atgttgacct	aaccaatgaa	gaaacaactg	a	ttccaccac	ttctaaaatc	agcccatctg	360
aagatactca	gcaagaaaaat	ggcagcatgt	t	tctctctcat	tacctggaat	attgatggat	420
tagatctaaa	caatctgtca	gagagggctc	g	gaggggtgtg	ttcctactta	gctttgtaca	480
gccagatgt	gatatttcta	caggaaagta	t	ttccccata	ttatagctac	ctaaagaaga	540
gatcaagtaa	ttatgagatt	attacaggtc	a	tgaagaagg	atatttcaca	gctataatgt	600
tgaagaaatc	aagagtga	ttaaaaagcc	a	agagattat	tcctttttcca	agtacaaaaa	660
tgatgagaaa	ccttttatgt	gtgcatgtga	a	atgtgtcagg	aaatgagctt	tgcttatga	720

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catcccatTT ggagagcacc agagggcatg ctgcggaacg aatgaatcag ttaaaaatgg 780
ttttaaagaa aatgcaagag gctccagagt cagctacagt tatatttgca ggagatacaa 840
atctaagggg tgcagagggT accagatgtg gtgggttacc caacaacatt gtggatgtct 900
gggagTtttt gggcaaacct aaacattgcc agtatacatg ggatacacaa atgaactcta 960
atcttggaat aactgctgct tgtaaacttc gttttgatcg aatatttttc agagcagcag 1020
cagaagaggg acacattatt ccccgaaagt tggaccttct tggattagaa aaactggact 1080
gtggtagatt tcctagtgat cactgggggtc ttctgtgcaa cttagatata atattgtaaa 1140
atgcttttca agtgtgggtt ttgccctgat tgttgcaaat acaatttcca ctttctggaa 1200
aggtaggttt gctgtggagg aaataatgta ctagatcatt gtcacagaaa aaccaactat 1260
gatttatggT tgtgttttca gaattcaaca ttaaagatta atgtttattt aaacgaacac 1320
attcctgcat tcaggatgtg aggccattta ataaaaaggg cacaaagcct gtcagagttt 1380
tcaacggtgc ttatagctgc cagctggatt ccaaacaggt accccattgt ctctgagcta 1440
atgtttatat ttttccattc aggcaccgaa atagttaata tttaaaataa gtcttcaaaa 1500
gaaaacataa gagattattg agttcttggg actggatcct ttatttcata agttcagatc 1560
atcttaaagT aaaatgccat gattatctgc agttaagtag atgacagcta ttctacatca 1620
gacttgattt ttgtcagcta attacataat tggtaaagcta taattgaaac cttatggctt 1680
aaaattcctt aactcctttt tgattcatgt ttgtagtcat gttgtcaaca gaggcaaaagT 1740
taagcttgat gatggttaaa atcggtttga tagcaccatg ggacattttt ctaacaaaaa 1800
taaatgcatg aagagacata gccttttagt tttgctaatt gtgaaatgga aatgctttac 1860
aggaagtaaa tgcaaatTac ttttaagtgt gctttaaaga aaaatatttt cccacaaga 1920
gaaatttaaa taaagaattt tatttggttaa aaaaaaaa 1958

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<210> 8296

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (172)...(590)

<223> similar to gi3153876 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8296

```

gcgagccgag acggctacat ggacgccact atcgccccgc accgtatccc ccccgagatg 60
ccccagTacg gggaggagaa ccacatcttc gagttgatgc aggcaatgtg gctctgcaaa 120
catctgaaca gcagtctcct caccctggag aacctgatct taaatgagtt ttctatacag 180
gccaccgaag ccagaaggct ttatctgcaa aggaagacag ttcccagcgc gctgctcgtc 240
cagctgattc aggaacgcct ggctgaagag gattgcatca agcagggctg gattctggat 300
ggcatccctg agacgcgtga gcaggctctg aggatccaga ccctggggat cacaccaga 360
cacgtcattg tgctgagtgc tccagacacg gtcctgatcg agagaaactt ggggaagaga 420
atcgaccctc aaactggaga gatttatcac accacctttg actggccacc cgaatctgaa 480
atccagaacc gtctcatggt gccagaggac atctcagagc tggagacggc tcagaaactg 540
ctggagtatc ataggaacat cgtcagggtc attccctcct accccaaaat cctcaaagtc 600
atcagtgtctg accagccatg tgtggacgtc ttctaccagg ctctgacctg tgtccaaagc 660
aaccatcgta ctaatgcccc gtccaccccc aggggtgctgc tgctcggggc tgtgggcagt 720
g 721

```

<210> 8297  
 <211> 1806  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1539)...(477)  
 <223> similar to gi458542 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8297  
 ggaattcctt gtggctgggg actaaggagg aaagattaag gggatatggct gaattccccc 60  
 gtcacccctt gccctcaggc ttccttcttc ctttcccttt ggctaatacct gcatgggatt 120  
 agctgaccat cctgttttcc atcccagagc ctccaaggc tgggaaaagta gggctgaagg 180  
 gctagatgtt tgggtctcagg aagtggggcc caccattcc cagaaggagc ttctttacct 240  
 cttagccctg aggtttcctc ctccccatct tctgtgcttc cagagaacaa ctttgttcct 300  
 atggtcacc cactatccc catgaccgca tgaagaggca gttattgctt tagtctttca 360  
 ttgcaaccac tgggctccct ttgaacccgg cccaatcttt ggtcccagca ttttcccact 420  
 ccagtgtatc caggggtgtc caggtgagct ggggaaggaa gtgagcatgg cctcagctgc 480  
 agatctcctg gaggcggc atcatggcag acaggccctg gatgtgctgg atttggtacc 540  
 cgtaggcctc attaatgctc cggagctcag ccaggaggcc tagcaacttc gcatacagaa 600  
 accgatcccg gggccttcgc tgcctggcct tgatgtagct ttgcagagtc agtgccatct 660  
 cctcttgcat ctgatcaatc tcatctctct gggtaactcc aggtcgggtc gtaagatagg 720  
 gagcaggaga gaagagggcc atggcagcca agagcacata ctgaggctct tggagctgca 780  
 gttttcgtag tgttccatgg aagtgaagaa gcaactccaa aaactctacc tggaaaccca 840  
 cacgggctcc atcttcaatt gtgtagcgaa gagggccgca gaggaagttt tgtgtttgga 900  
 gacagaaagt ggtattgagt acgatgtgac agatttccac agctgctccc ttgagaaggg 960  
 agatctggtc ttcaatgggc agggaaacgga agacgggcag gtccttagta aacttgatga 1020  
 cttgcagtac catgaaagtg ttgatgtctg cgaagtgtgt gaccagaggc agcacagggg 1080  
 ccagggtggg caagggtctg tgatggatga acagatgagc tggaggccta aactgcacaa 1140  
 actgttcaaa catggtgccc atgtggcggg tgtgggcccc caggagtgtc cggatcagct 1200  
 cttcttgctc ctactcagt tgcacagggtg tttgctgtgc ccgccgctgg gcctgctttg 1260  
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 agcacttctg caacctgcag gctgggcagt ggcgcctctg agtcttgctg acttcacagc 1380  
 ttccagcaaa ggggcagggtg ggaccaatgc ttttgctgac tgttctcctg aagaaaccct 1440  
 tgcagccctc acaagtcagc gcattaaagt ggtagcctgt ggcttgggtc ccacatacca 1500  
 cacagttcct cagctcatct tccctactgg ccattgacgt acgtgttggg gtggctgtca 1560  
 cagactcctg cttctcttag gcagcatgtc acctgcaggc cacagaatct ggtatggaat 1620  
 gcctctcccc aaactccac gctgttgctg gttttcctct gatctcagga gttgccagtg 1680  
 attggagtta ggattatcat cctcctgct gccagcagc ggtcagtcatt ttttcatgag 1740  
 ggatggacta ggaaaatgaa gtgtctatta taaggagagt tcctgtaact taaggagcaa 1800  
 gctcac 1806

<210> 8298  
 <211> 1617  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (164)...(1403)  
 <223> similar to gi512485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8298

gtggcgctg	ctctccatcc	aggccccatt	ccggctccca	cccgcgctg	cttttgttcc	60
cacgtttcgg	ggggcagctg	gcactgtgat	tcctgcccc	tgagtgccta	gaggcacgga	120
gccaccagg	atcacccac	gtgggacaca	gggcttgggg	aggatggggc	aggaccagac	180
caagcagcag	atcgagaagg	ggctccagct	gtaccagtcc	aaccagacag	agaaggcatt	240
gcaggtgtgg	acaaagggtg	tggagaagag	ctcggacctc	atggggcgct	tccgcgtgct	300
gggctgcctg	gtcacagccc	actcgagat	gggcccgtac	aaggagatgc	tgaagtctgc	360
tgtggtccag	atcgacacgg	cccgggagct	ggaggatgcc	gacttcctcc	tggagagcta	420
cctgaacctg	gcacgcagca	acgagaagct	gtgcgagttt	cacaagacca	tctcctactg	480
caagacctgc	cttggcgctg	caggtaccag	ggcaggtgcc	cagctcggag	gccaggtcag	540
cctgagcatg	ggcaatgcct	tcctggggcct	cagcgtcttc	cagaaggccc	tggagagctt	600
cgagaaggcc	ctgcgctacg	cgcacaacaa	tgatgacacc	atgctcgagt	gccgcgtgtg	660
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<210> 8299  
 <211> 1585  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (46)...(1295)  
 <223> similar to gi3724099 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400> 8299

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aacctcatcc gggagcggtc tcagcagcag gagcccttgc tgtgccccag ttaccagtcc 360
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tcctaataaa tatcatttcc ttggc 1585

```

<210> 8300

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (69)...(365)

<223> similar to gil65924 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8300

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ccatctgctc ctctgacaaa tcctgcgct gtggagtctg cctgcccagc acctgcccac 180
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tgag 485

```

<210> 8301  
 <211> 2031  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (218)...(1406)  
 <223> similar to gi434306 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8301  
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<210> 8302  
 <211> 5525  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (135)...(4538)  
 <223> similar to gi30058 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8302

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<210> 8303  
 <211> 1913  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (591)...(1376)  
 <223> similar to gi4495063 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8303

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gaccctttat	tcgaatgtcc	tgggagaagg	aagaaggaaa	gagtcggcat	gtagactttc	1260
agtgtgtaaa	gagtaaatct	atcaccaatc	ttgcagcagc	tgcagcagac	attccccagg	1320
accagctggt	agtcatgcat	ccaactccac	aagtggatga	gctggatatt	ctccctatcc	1380
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gactgcaag	gccactcttc	ttcattgtga	gatgcacata	acaatgttta	ggatattgca	1560
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agtaatatat	agttgcactt	tataaatggg	ggttaaatgg	aaatgttcaa	gccattttat	1860
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<210> 8304  
 <211> 1216  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (144)...(1078)  
 <223> similar to gi841197 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8304  
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 ggccatcaca ttccccctgc cctatggcgg ccctcacaga cctctcattt atgtatcgct 180  
 ggttcaagaa ctgcaatctg gttggcaacc tctcagagaa gtacgtcttc atcacaggct 240  
 gtgactctgg cttcgggaac ctgctggcca aacagctggt tgatcggggc atgcagggtg 300  
 tggctgcttg cttcactgag gagggatccc agaaacttca gcgggatacc tcctatcggc 360  
 tgcagaccac cctactggat gtcaccaaga gcgaaagcat caaggcggcg gccagtgagg 420  
 tgagggacaa agtgggagaa caaggcctct gggccctggt gaacaatgct ggtgtggggc 480  
 tgcccagtg tcccaacgaa tggctgacca aggatgactt tgtgaagggtg attaattgtga 540  
 acctgggtggg actgatcgaa gtgacccttc acatgctgcc catggtcaag agagcccggg 600  
 gcagggttgt caacatgtcc agctctggtg gtcgtgtggc tgtcattggt ggtggctact 660  
 gcgtctccaa gtttggcggt gaggccttct ctgacagcat aaggcgtgag ctctactact 720  
 ttggggtgaa agtctgcac attgagccag ggaactatcg gacagccatt ctcggaagg 780  
 agaacctgga gtcacgcat cgaaagcttt gggagaggct gcctcaggag acccgggaca 840  
 gctacggaga ggattatttc cgcattctata ctgacaagtt aaaaaacata atgcagggtg 900  
 cagagcccag agtcagagat gtcattcaaca gcatggagca tgctattgtt tcccggagcc 960  
 ctgcattccg ctacaaccct ggcctggatg ccaaactcct ctacatccct ctggctaagt 1020  
 tgcccacccc tgtgacagat ttcattctaa gccgggtacct tccaaggcca gcggagcagt 1080  
 tctaaactgg ggaggatcaa tgggtcagtg gagcctagaa gtggggggagg aaggaaggac 1140  
 cgtggggtca caaaagggtg tatcggttat cctggggggc ttggctgcaa aggaagcttg 1200  
 gctcacttga caccca 1216

<210> 8305  
 <211> 4394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (151)...(1563)  
 <223> similar to gi3435201 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8305  
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 tccgactcca acaaggcgct ggagcagcgg cgcacgctgc acacgcccac gctggagcac 120  
 ctggaccgag tcctgtacga gtggttcctg gggaaagcgt ccgagggcgt ccccggtgca 180  
 ggccccatgc tcatcgagaa ggccaaggac ttctacgagc agatgcagct cactgagccc 240  
 tgcgtgttct ccggagggtg gctttggcgc tttaaggcca gacacggcat taaaaagcta 300

gatgcatcca	gtgaaaagca	gtcagccgac	caccaggccg	cggagcagtt	ctgtgcgttt	360
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accggccttt	tctggcggtg	cctgccaaat	cccactccgg	aaggcggggc	tgtgcctggc	480
cccaagcagg	gcaaggaccg	gctgaccgtg	ctgatgtgtg	ccaacgccac	gggctccac	540
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cacctgcccg	tgcctataa	ggcccagggg	aacgcctggg	tggacaagga	gattttttcc	660
gattggttcc	atcatatctt	tgtgccctcg	gtgagagagc	acttcagaac	cataggtttg	720
ccggaagaca	gcaaagccgt	tctcttgctg	gacagctccc	gggctcacc	gcaggaggcc	780
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cagcccatgg	agcagggcat	tcggagagat	ttcatgagga	acttcattaa	ccctccggtc	900
cccctgcagg	gccccacgc	ccgctacaac	atgaacgatg	ccatattcag	cgtggcctgt	960
gcttgaacg	cagtccttag	ccacgtcttc	aggcgggctt	ggaggaagct	gtggccgtcg	1020
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aagccccaca	acaagtctt	tgcacacatc	ctggagcttg	tgaaggaagg	ctcctcctgc	1140
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agatgtcagt	ctgtccacgt	ggagagaagt	tgcctccag	gccgacagga	ggccatgccc	1980
accgcccctg	gacaggcttc	gtctcagaag	gctctatctg	ctgggctggc	ggccatcccc	2040
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gttcttggtc	tgctagcggc	tgaacaggcc	gcacatctca	cttcagttgt	ggcctcattc	2160
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attttcagtg	ctttgccctt	gaattctttt	cctctcttaa	attcatatca	tttgccgag	3120
tcagcacgta	gtttgcattc	cagcgtctgc	tgttgattcc	actgaaacct	ctgttctcat	3180
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gcaaaagtca	ttgtgacag	agccctatct	atgtcctgga	agtgtgtgtt	tcttgctttg	3300
aatgcatgtg	tgaagattat	aaaagccaaa	tagtttttaa	agatctcgg	gctgaacgac	3360
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tcctctctcg	aggctcttgg	ttccctatatt	ctgatgtgtg	tgaaggaag	gcctgtcctc	3600
tggggtgacc	atgaggctca	gggggaggag	ctgccaggct	tgagctggga	cttggcacct	3660
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<210> 8306  
 <211> 2782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2783)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (77)...(714)  
 <223> similar to gi31218 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8306

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catcgctcatc	ctgctgctga	agatctggaa	gacgcgcctcc	tgccgcggta	tttctgggaa	180
aagccagctt	ctgtttgcac	tggtcttcac	aactcggttac	ctggatcttt	ttacttcatt	240
tatttcattg	tataacacat	ctatgaaggt	tatctacett	gcctgctcct	atgccacagt	300
gtacctgac	tacctgaaat	ttaaggcaac	ctacgatgga	aatcatgata	ccttccgagt	360
ggagtttctg	gtggtccctg	tgggaggcct	ctcattttta	gttaatcacg	atttctctcc	420
tcttgagatc	ctctggacct	tctccatcta	cctggagtoc	gtggctatcc	ttccgcagct	480
atztatgate	agcaagactg	gggaggccga	gaccatcacc	accactacc	tgttcttctc	540
gggcctctat	cgtgctttgt	atcttgtcaa	ctggatctgg	cgcttctact	ttgagggtct	600
ctttgacctc	attgctgtgg	tggccggcgt	agtccagacc	atcctatact	gtgacttctt	660
ctacttgtac	attacaaaag	tactcaaggg	aaagaagctc	agtttgccag	cataagtgcc	720
aaagaccatc	accagcatct	gtccttcagg	gtgctcggac	agaattctta	ccacagcaaa	780
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ttaataaatt	cagtgtgtag	cttcaatttg	gatagttcca	aaagtgaaga	ttttgtgagg	1020
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ctgcaatgaa	attgtactcc	ttgacagttg	atagattata	tattcttcca	tccctcaaac	1140
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cgttggatgt	cacaacacta	catttaaggt	tggttaaggt	gacttggagg	tccatggttt	1320
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gaatccagtg	gcaggggttc	tggctgcttt	ccatctgagt	gtgggatggg	aggggtgttc	1500
atgatcattt	ggatatagca	atctactctg	agaaatggaa	cacaaggagt	tacctatcac	1560
tttcacttat	aattccaaaa	gatgactaca	accatgtcca	tgctcagatt	caaacagttt	1620
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taaccattcc	ttacattctt	ttttgtatgt	gtgggtttct	ttttatttaa	cccgcagccg	1740
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gacattttaa	gttcacataa	tcactctgtaa	gacattatgt	attttgtgga	aatactagaa	1980
tttttttctc	gatttttgcca	ttatatggat	ttgctatttt	ttgattaatg	caaaagtata	2040
tgactttggt	ttttatgtga	tacaccataa	atattaaagt	gttgaatact	aacagtgtctg	2100
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gcaggatggg tttcatttgt atctagtgtg tgtcttaaca tcttttctaaa tcggcagtgt 2220
aactgcatag ttttaacttcc tgtctgtctc cctcatttta ctcttccctc cttgtcttat 2280
gttttggctt ttgtgtatca gaggcattctt tctttgcagc atccttagtc ttgcttcagc 2340
nttctgtggg tctctttttc atcctgcctt gaaagaattc ggagtgtgga agggaggcta 2400
ggaagtctgg tgcagtaggt gagcagacct cttgctgccc cagcccaagg gtgggtgggg 2460
cgcacacctg tctttgtgca tgcaaactctg atacacctgg cgcattcctt ggagagcaca 2520
acgcatggaa aggtctggaa gctctgtgta gccattcctt ctgcagtcatt cctacccaag 2580
taaaagtaac cttggctatg ttaccaccgt tttggtcacc caggaggaca tcttagcaag 2640
ggtgcctgcg agggagtgtg ggactgggcc tcatcctcgc cggcgttga aaccaaggcc 2700
ttgtatgcca cgccttatga agcactgttt cacagttact ttcacttccc gaataaagg 2760
taccaggtaa ttaaaaaaaa aa 2782
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<210> 8307
<211> 1543
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(1444)
<223> similar to gi4959421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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cccgccgccc gggccgggca gtcaggatgc tgcagcgcc agaaagagcaa tgcgtcgacc 120
ccgggtgtgc cgtgagtcct ccttcgctgc gggacctgct gccccgcaca gcgcagctgc 180
ttcgagaggt ggccattctt cggcgggcgg ccggcgagg cggccccggg ggtcccggcg 240
gctctgggga ctttctactc atctacctgg ccaatctgga ggccaagagc aggcagggtg 300
ccgcgctgct gcctccccgg ggccgaaggga gtgccaacga cgagctcttc cgggcgggct 360
ccagactcag gcgacagctg gccaaagctg ccatcatctt cagccacatg cacgcagagc 420
tgcacgcaat cttccccggg ggaaagtact gtggacacat gtaccagctc accaaggccc 480
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gcaccacat tgacctcacc tgcagcgggc acgtgtccat cttcgagttc gacgtcttca 660
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accaggcta catggccttc ctacactatg atgaggtcca agagcgtctg caggcctgca 780
gggacaagcc aggcagttac atcttcgggc ccagctgtac tcgcctgggg cagtgggcca 840
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cccagggtgt cctggaggga cagaaggacg gcttctacct ctaccagat ggaaagaccc 960
acaaccacga cctgactgag ctcgccaggc cagaacccca gcagcgcac cactgtcag 1020
aggagcagct gcagctctac tgggccaatg actccacatt tgagctctgc aagatctgtg 1080
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gctgggaggc cgtgagtatc taccagttcc acggtcaggc tactgctgag gactcaggga 1260
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gactcctaaa ggggaactcc cctccagctg cgtcgggacc ccaggacctt gccccggcct 1440
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gaaaccgaaa taaactgcca agcctggtct gccaaaaaaa aaa 1543
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<210> 8308  
 <211> 1669  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (88)...(875)  
 <223> similar to gi5912096 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8308

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cgaagccgcg	ccatgctcgt	cctcagaagc	gccctgactc	gggcgctggc	ctcacggacg	180
ctggcgcctc	agatgtgctc	atcttttgct	acgggaccca	gacaatacga	tggaatattc	240
tatgaatttc	gttcttatta	ccttaagccc	tcaaagatga	atgagttcct	ggaaaatttt	300
gagaaaaacg	ctcatcttcg	gacagctcac	tctgaattgg	ttggatactg	gagtgtagaa	360
tttggaggca	gaatgaatac	agtgtttcat	atttgggaagt	atgataattt	tgctcatcga	420
actgaagttc	ggaaagcctt	ggccaaagat	aagggaatggc	aagaacaatt	cctcattcca	480
aatttggttc	tcattgataa	acaagagagt	gagattactt	atctgggtacc	atgggtgcaaa	540
ttagaaaaac	ctccaaaaga	aggagtctat	gaactggcca	cttttcagat	gaaacctggt	600
gggccagctc	tgtggggtga	tgcatttaaa	agggcagttc	atgctcatgt	caatctaggc	660
tacacaaaac	tagttggagt	gttccacaca	gagtacggag	cactcaacag	agttcatggt	720
ctttggtgga	atgagagtgc	agatagtcgt	gcagctggga	gacataagtc	ccatgaggat	780
cccagagtgg	tggcagctgt	tcgggaaagt	gtcaactacc	tagtatctca	gcagaatatg	840
cttctgattc	ctacatcggt	ttcaccactg	aaatagtttt	ctactgaaat	acaaaacatt	900
tcattaactg	ctataggatc	tgtctgctaa	tggtgcttaa	attctcccaa	gagggttctca	960
cttttatattg	aaggaggtgg	taagttaatt	tgctatgttt	cttgcatatt	gaaggctaca	1020
tctgtgcttt	gtaagtacca	cttcaaaaaa	tagttctgtt	tactttctgc	atgggtatttc	1080
agtgtctgtc	atacattaaa	aatacttgct	actgttttaa	gatcttgact	cttcatttgt	1140
ttcagaatag	ctcttctact	gtattctgac	aactctttgc	tttatagcat	tttggtgtat	1200
tcaaatgata	atggtagcat	ttccatgctt	gtgacagcat	ttttaagtta	ttaatatatt	1260
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aaaccacatt	gtcatttgtg	acatcatcta	tattaaatat	ggttttcaca	ttagttattt	1440
gtcacttact	tggaatatga	tgctgttagg	tcctggtatt	aaaaatctag	aaaagacttg	1500
ttggtttatg	tgctgaaatg	tctttattta	taattaattt	taactactat	ttacttcatt	1560
tcggatcctg	tttaacaaaag	atacttgaga	catccatttg	ttttaatgaa	atctgtatgg	1620
atatggaaat	gcttgcccta	ataaaagcct	acatatacca	aaaaaaaaaa		1669

<210> 8309  
 <211> 3803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1478)...(2695)  
 <223> similar to gi5911997 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8309

ctcggaaagtc	gagagaccag	ggcctggcca	gattctccct	gcagaacctc	tagacgattc	60
caagaatgcc	acagggaact	cagcctcagg	cctgggggct	ggcaggaccg	cagaagatac	120
cgtggaagat	gcctgcccag	ccgagggcag	caggggaggcc	agacccaaca	cgcccccg	180
cccgccccc	accccgccg	agctgccctg	gaccaatatt	gacctcaagg	aggccaagaa	240
agtgccccagc	cactcgccg	ctggcttccc	cgagaccacc	agcctctcct	ctctggggct	300
cctcccactg	ggcttgagg	agccgtatgg	ggtggatgac	cacccgctgt	gggcctgggt	360
gtcgggaggc	ggctgcgtgg	tggaggcatg	tgccatgccc	agatggttca	ctgtccaggc	420
gggtaagggc	tcctgcaggg	cctgggggca	tccacatggc	cagggtgccct	gggggtgtgg	480
ggtgtgggag	gaggccgggg	tcagggggct	cgggcaggcc	tgtgtcctc	cctggacgcc	540
tcactgtgct	cagcagctct	gagccaggca	ttgcgtcct	ctgtggcctc	cagagaccag	600
cccgaggctg	tcaggacctg	gaagcacggt	ggccagtgcc	ccttcccctg	tctgcagccc	660
ctcccctgtg	ctagcgggtg	tggctgcttt	ccaggctgaa	ttactggggg	agagcaactc	720
atccatcagg	gcaaaggggtg	gaaggaggct	taacagagag	cgtagctttt	gagctagaaa	780
gggctgattt	ggtggagggg	agcgccgtgg	cttccctgcc	agctgcgggc	aggacagtgc	840
cccgccctg	aggtctctct	tgccccacag	gcctgtcctc	ctcggtacac	atgtgtctcc	900
tgtccatcac	gcgggccag	accgctgcct	ggaggaagca	gatcttcag	cagctcacgg	960
aaaggaccaa	gcgggagctg	gagaacttca	gacactacga	gcaggccgtg	gagcagtcgg	1020
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acgtgcgctt	ggccctggag	cagttcacgg	ggcacgacgg	cgtccgggac	agcatcctct	1140
tcattacta	tgtggtccac	gaggagaaga	agtacatcca	catattcctg	aatgagggtg	1200
tggcgctggg	cccagtgtg	aacgagacca	agcactcctt	tgccctgtac	acccctgagc	1260
ggacacggca	gaggtggccg	gtgcgtctgg	ctgctgccac	cgagcaggac	atgaatgact	1320
ggctgcacct	gctcagcctg	tcttgctgcg	agagccggaa	ggtgcagggc	cgcccgctcc	1380
cgcaggccat	ctggtccatc	acctgcaagg	gggacatctt	cgtgagcgag	ccccccaga	1440
cctggaggcc	cacgagcacc	ccctgccctg	cgaccagatg	ttttggcggc	agatgggagg	1500
ccacctgcgg	atggtggagg	ccaacagccg	gggcgtggtg	tggggcatcg	gctatgacca	1560
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ggcctggggt	tccgactggg	togtggattt	cagcgttccg	gggggcacgg	accaggaggg	1860
gtggcagtat	gccagcgact	tccctgcctc	ataccatggg	tccaaaacga	tgaaggattt	1920
tgtgaggagg	aggtgctggg	ccagaaaatg	caagctgggtg	accagtgggc	cctggctgga	1980
ggtgcccccc	atcgccctca	gggacgtgtc	catcatcccg	gagagcccgg	gtgccgaggg	2040
gagtgggcac	agcatcgccc	tctgggcccgt	cagcgacaag	ggggatgtgc	tgtgccgcct	2100
gggcgtgtcg	gagctcaacc	ctgcgggctc	ctcctggctg	cacgttggca	ccgaccagcc	2160
cttcgcctcc	atctccatcg	gggcctgcta	ccagggtgtg	gccgtggcaa	gggacggctc	2220
cgccttctac	cggggatccg	tgtacccctc	gcagccagcc	ggtgactgct	ggtaccacat	2280
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ggtctgggtg	atcgccaaca	aagtgcaggg	cagccacagc	ctgagccggg	ggacagtgtg	2520
tcatcgcacc	ggcgtgcagc	ctcacgagcc	caagggccac	ggctgggact	acggcatcgg	2580
gggaggctgg	gaccatatct	ctgtccgggc	caatgccacc	agggcccccc	ggagctcgtc	2640
ccaggagcag	gagccgagtg	ccccaccaga	ggcccatggc	ccggtctgct	gctgaggccc	2700
ccccacacac	ctacatgcag	ggacgggtgc	cagtttgggg	gatcaaggct	gagccattct	2760

tgtgctggag	tgtgcaccgt	gggagcaatg	tggcccaggt	ggactcagga	gggaacctgg	2820
ccccaaaggct	gcgggccactt	cagaggcact	ggctgagacg	gccctgaaat	gtgaagctcc	2880
gcggacactc	ccacacgtgt	ccccgtctgc	gaggagtccc	ggggtgtggg	gcatgggggtg	2940
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aggactagaa	ccgggaacct	ggagccctcc	gggaacgcgc	gccctggggc	agcagagcca	3060
ggatggagcc	ctcctgagct	ggcatctcag	acagcacccg	ggcccgcac	ccctcaccaa	3120
gagagatggc	catggggctc	agggcctctt	taccatgtgc	agtgaccatt	tctcagagca	3180
ggacttgcaa	agaggcttta	atttcaaaaag	tgaaggaagg	aggccaggcg	ccgtggctca	3240
cgctgtaat	cccagcactt	tgggaggctg	aggtgggcag	atcacctagg	tcaagagttt	3300
caaaccagac	gggccaacat	ggtgaaaccc	catctctact	aaaaatacaa	aaaaaaaaaat	3360
tagctgggca	tgggtggtggg	tgccctgtact	accaactatt	catgaggctg	aggtggaaga	3420
attgcttgag	cttgggagggt	tgaggctgca	gtgagccaag	actgcacac	tgactccag	3480
cctaggtgac	agagcaagcc	ccgtctcaaa	aaattaataa	ggctggatgc	ggtggctcac	3540
gcatgtgatc	ccagcacttt	gggaggctga	ggtgggtgga	tcacaaggtc	aagagctcaa	3600
gaccatcctg	gccaacatgg	tgaacccccg	tctaacaaaa	attagctggg	cgtgggtggc	3660
cacgcctgta	atcccagcta	cttgggagac	tgaggcagga	gaatcgcttg	aaccggggag	3720
gtggagggtt	cagtgaagcc	agatcgcgcc	actgcgttcc	agtctgggca	acagagtga	3780
actccgtcac	acaaaaaaaa	aaa				3803

<210> 8310

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (617)...(113)

<223> similar to gi2979568 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8310

tttttttttt	ttagccgtaa	ccatatTTTT	ttattgagcc	atttgatgg	gggttagtga	60
taaggaggtt	cttactcctc	atcacagtgc	ccctgccaag	gagaggaggc	tcagcatctg	120
ctgcagctag	tggggtaaac	atcccagtgc	aggccaatgg	catcgatgag	agaaccagac	180
cggccactga	tgaagcggag	cacggtgttg	gggtgcaagg	ggacggcatt	gaaacttggtg	240
ccactgtctt	tccccaaaaga	cagatagcgg	cccttgctctg	tcacaaatac	cagcttcttc	300
aggtaccact	tgtacttccc	agaaacctgg	atcactgatt	ccccagggtg	cagaaagatc	360
tcctccaggt	ctccgttgcg	accaccacac	tagtgcgtcc	acaccttgcc	atagcgcacc	420
tgaagacct	cgatgtagta	tgtgttgact	cggaccgcga	gggcgggtgat	ggggccgtcc	480
aactgggttg	cagaatgaga	gaatcgcttt	ccaccaccac	ttccatactc	tccactatag	540
gaggaagacc	tggcctgaat	ggcattgcc	gaggctgagg	cacagagaag	ggctaggaga	600
gcgactgtca	acattctggg	gctggggagc	aaagtgtgtg	acagaaggaa	ctgtgccagc	660
accagtatcc	aagcagtgt	ggtggaact	ggacagacag	agaagtgtga	gaaggagtgc	720
ggaccagctc	aagatattag	accccagggtg	cctggtctat	gtgtcacttc	ttttctccac	780
taacacacat	ctggccattt	ctattctcct	gaacatccca	ggtgtcccca	gtccttccgg	840

[illegible]

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<210> 8312
<211> 2587
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(1387)
<223> similar to gi5932438 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

<400> 8312
agatgccgga ccgctccttc ccagctcctc cccgtgctcg ctaacacagc acggccgcct      60
gcagtctcct ctctggggaga tcgcgcgggc ctaagatgtg tcctgggggca ctgtgggtgg      120
ccctgccccct gctgtccctg ctggctggct ccctacaggg gaagccactg cagagctggg      180
gacgaggggtc tgctggggga aacgcccaca gcccaactggg ggtgcctgga ggtgggctgc      240

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ctgagcacac	cttcaacctg	aagatgtttc	tggagaacgt	gaaggtggat	ttcctgcgca	300
gccttaacct	gagtggggtc	ccttcgcagg	acaaaaccag	ggtggagccg	ccgcagtaca	360
tgattgacct	gtacaacagg	tacacgtccg	ataagtcgac	tacgccagcg	tccaacattg	420
tgcgagagctt	cagcatggaa	gatgccatct	ccataactgc	cacagaggac	ttccccttcc	480
agaagcacat	cttgtctctc	aacatctcca	ttcctaggca	tgagcagatc	accagagctg	540
agctccgact	ctatgtctcc	tgtcaaaatc	acgtggaccc	ctctcatgac	ctgaaaggaa	600
gcgtggatcat	ttatgatgtt	ctggatggaa	cagatgcctg	ggatagtgtc	acagagacca	660
agaccttcct	ggtgtcccag	gacattcagg	atgagggctg	ggagaccttg	gaagtgtcca	720
gcgccgtgaa	gcgctgggtc	cggctccgact	ccaccaagag	caaaaataag	ctggaagtga	780
ctgtggagag	ccacaggaag	ggctgcgaca	cgtcggacat	cagtgtcccc	ccaggttcca	840
gaaacctgcc	cttctttgtt	gtcttctcca	atgaccacag	cagtgggacc	aaggagacca	900
ggctggagct	gagggagatg	atcagccatg	aacaagagag	cgtgctcaag	aagctgtcca	960
aggacggctc	cacagaggca	ggtgagagca	gtcacgagga	ggacacggat	ggccacgtgg	1020
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agacctccct	gcgggtaaac	ttcgaggaca	tcggctggga	cagctggatc	attgcaccca	1140
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cgcgcagcaa	acacgctatc	gtgcagaccc	tggtgcacat	caagttcccc	acaaaggtgg	1260
gcaaggcctg	ctgtgtgccc	accaaactga	gccccatctc	cgtcctctac	aaggatgaca	1320
tggggggtgcc	cacctcaag	taccattacg	agggcatgag	cgtggcagag	tgtgggtgca	1380
ggtagtatct	gcctgcgggg	ctggggaggc	aggccaaagg	ggctccacat	gagaggtcct	1440
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cagcagttag	ccagaggagc	acaggcgggc	aggtcactgc	agagactgat	ggaagttaga	1740
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cgtgtcacac	ccatcattgt	atgttatttc	ccacaaccca	gttggagggg	catggcttcc	1860
aatttagaga	cataaaacac	aggcagatca	agtagcattg	atcaatggca	tgattccaac	1920
tcagattttgt	gggacaccaa	agcccaggat	cttcccaagt	gccctgctgc	agtttagcag	1980
gtcctctcca	gctaaagagc	agtgcagcat	tgggagccca	ggagtgttga	ggccaggcca	2040
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ggccactggt	gccagtgtc	actcagcggc	caaagtcttt	ttaatatgac	ccctgaggca	2160
ctgaaaaata	accccaggcc	aactgcagga	tagagagaga	ggtcaggaca	gcagccctgt	2220
gggctgcatg	atacactgtg	gctggagtta	ttgtgacccc	ctgggtgcagt	gctcccacgg	2280
ccagtgggtgc	acacagggcc	attcactgtc	catagactga	aaccatgtga	ccatttgaga	2340
gggcggggca	cactttcccc	tgagggatgg	ggcagcctgt	ggccagcacc	tctgcagtta	2400
ctctgcatag	ccagctcacc	agcatgccat	gcccagggtg	ccccccagtg	acaacctcat	2460
gggagacggg	cctggattttg	aatttgtttg	aattaaatgt	gctctggctt	tggctctttga	2520
aacatatcta	tttttattcc	ttggtgacat	gtccttaagt	gacaagactc	cagccttcct	2580
gggcgag						2587

<210> 8313

<211> 1927

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(457)

<223> similar to gi5771420 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 8313
agcgggtggaa ttcgatcatg gaacttgac tgctgtgtgg gctgggtggg atggctgggtg 60
tgattccaat ccagggcggg atcctgaacc tgaacaagat ggtcaagcaa gtgactggga 120
aaatgcccat cctctcctac tggccctacg gctgtcactg cggactagggt ggcagaggcc 180
aacccaaaga tgccacggac tgggtgctgcc agacccatga ctgctgctat gaccacctga 240
agaccaggg gtgcggcac tacaaggact attacagata caacttttcc caggggaaca 300
tccactgctc tgacaaggga agctgggtgtg agcagcagct gtgtgcctgt gacaaggagg 360
tggccttctg cctgaagcgc aacctggaca cctaccagaa gcgactgcgt ttctactggc 420
ggccccactg ccggggggcag acccctgggt gctagaagcc cacaccctct accctgttcc 480
tcagcatgga gctctggcat cccacacctca gtatctaacc tgaaccagcc tggcttttca 540
aacactccgg ggggaggtag tcccagcctc ccccggaacc ctctaccaat gccttctgac 600
cttctgaagc tttccgaatc ctcccagttg aggcagtagc tgtgtcctct gaggggtggat 660
gggaatcttg ggagaagccc aagcaaggga gccctcagag gtgggtgtttg gaccaaagca 720
tcgggggtggg ggaggggtct gccgctgtcc cccacctgct ggcccccttg tccttcctca 780
ccccctccaa tatagtctcg gagctacaac cgcagcagcc actataaagg gcaatattga 840
tctttctgtc catgtggctc tatcttttaa aacctcaagg cctccactg tcctaagata 900
aagcctctca taggcactgg ggaccctgca cagtctggcc atgtgaccct ctccccaggc 960
aagctctgaa gtccctgcag gtggaggcca tgctgtctt aaactcagtt gcatccctgg 1020
tgcccaaagc aacaccagaa ccaagaagga gctccataaa tccttcttgg gtgaagccta 1080
gacaaagccg ccaggtcttg tggtccagg caccagagcc ttgagtactt tctcctgcct 1140
ccaggcattg gctcaggggtg aattacaagg ggctactgaa tggctattac tttcatcacg 1200
actgatcccc acctcctcag ggtcaaaggg ctactttctg gaagtctccc caggctgact 1260
ccttctccct gactgcaagg gctcactccc tcctccaagc tcccacaatg cttcatggct 1320
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aggttgcagc agatggtgtg ggtacctcac ccagatatct tccaggccca agggccctct 1560
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ctgcccgtgt ctagtgggag ctgccttccc cctgccccac ctctcccacc aagaggccac 1680
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ccaggcctct cctggaacca cctctctgct tgggtctgac ccttggccta tccagttttc 1860
ctggttccct cacaggtttc tccagaaagt actccctcag taaagcattt gcacaagaaa 1920
aaaaaaa 1927

```

```

<210> 8314
<211> 1100
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (186)...(872)
<223> similar to gi2239182 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8314
ggcacgaggc gagctggatg tccaggctgc gggcgctgct gggcctcggg ctgctgggtg 60

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cggtgctcgcg	cctgccgcgg	atcaaaagcc	agaccatcgc	ctgtcgcctcg	ggacccacct	120
ggtgggggacc	gcagcggctg	aactcgggtg	gccgctggga	ctcagagggtc	atggcgagca	180
cggtggtgaa	gtacctgagc	caggaggagg	cccaggccgt	ggaccaggag	ctattttaacg	240
aataccagtt	cagcgtggac	caacttatgg	aactggccgg	gctgagctgt	gctacagcca	300
tcgccaaggc	atatcccccc	acgtccatgt	ccaggagccc	ccctactgtc	ctggtcacat	360
gtggcccggg	gaataatgga	ggagatggtc	tgggtctgtg	tcgacacctc	aaactctttg	420
gctacgagcc	aaccatctac	tacccccaaa	ggcctaacaa	gcccctcttc	actgcattgg	480
tgaccagtg	tcagaaaatg	gacatccctt	tccttgggga	aatgcccgc	gagcccatga	540
cgattgatga	actgtatgag	ctgggtggtg	atgccatctt	tggcttcagc	ttcaagggcg	600
atgttcggga	accgttccac	agcatcctga	gtgtcctgaa	gggactcact	gtgcccattg	660
ccagcatcga	cattccctca	ggatgggacg	tggagaaggg	aaatgctgga	gggatccagc	720
cagacttgct	catctccctc	acagccccc	aaaaatctgc	aaccagttt	accggtcgct	780
accattacct	gggggggtcgt	tttgtgccac	ctgctctgga	aaagaagtac	cagctgaacc	840
tgccacccta	ccctgacact	gagtgtgtct	atcgtctgca	gtgaggggag	gtgggtgggt	900
attctcccca	ataaagactt	agagcccctc	tcttccagaa	ctgtggattc	ctgggagctc	960
ctctggcaat	aaaagtcagt	gaatggtgga	agtcagagag	caaccctggg	gattgggtgc	1020
catctctcta	ggggtaacac	aaagggcaag	aggttgctat	ggtatttgga	aacaatgaaa	1080
atggactggt	aaaaaaaaa					1100

<210> 8315  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (108)...(299)  
 <223> similar to gi30155 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

tccttgcgca	ccggggaaca	aggtcgtgaa	aaaaaaggtc	ttggtgaggt	gccgccattt	60
catctgtcct	cattctctgc	gcctttcgca	gagcttccag	cagcgggatg	ttgggccaga	120
gcattccggag	gttcacaacc	tctgtggtcc	gtaggagcca	ctatgaggag	ggccctggga	180
agaatttgcc	attttcagtg	gaaaacaagt	ggtcgttact	agctaagatg	tgtttgtact	240
ttggatctgc	atttgctaca	cccttccttg	tagtaagaca	ccaactgctt	aaaacataag	300
gatgtttcag	ttcctccatt	taacagatat	gaagagcatt	ttaagagggtg	cagcctctgg	360
aagtggatca	aactagaact	catatgccat	actagatatg	tttgtcaata	aacttatgac	420
gtgaatgctt	aatgcctctt	ttttgaaata	gggaatgtaa	taattgggcc	attttgcccta	480
ctttattatt	tgggtaacat	tccagtatta	ctctctgtga	tttagcttat	ttaatgggtgt	540
taaactgagg	ttatattaaa	tttttgattc	ccagggtcagg	attttgttgg	taatttatat	600
aataaaaggg	aaatacaaat	cgaaaaaaaa	aa			632

<210> 8316  
 <211> 2309  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (96)...(1679)

<223> similar to gil228085 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8316

ctggaccgat	ccgcaattcc	aggatcgacg	atttcgtggg	tggagaccca	cgagccgagg	60
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gcgaccagat	gcagcactgg	aaggagcagc	gggccgcgca	gaaagctgat	gtcctgacca	180
ctggagctgg	taaccacagta	ggagacaaac	ttaatgttat	tacagtaggg	ccccgtgggc	240
cccttcttgt	tcaggatgtg	gttttcaactg	atgaaatggc	tcatttttgac	cgagagagaa	300
ttcctgagag	agttgtgcat	gctaaaggag	caggggcctt	tggctacttt	gaggtcacac	360
atgacattac	caaatactcc	aaggcaaagg	tatttgagca	tattggaaag	aagactccca	420
tcgcagttcg	gttctccact	gttgctggag	aatcgggttc	agctgacaca	gttcgggacc	480
ctcgtggggt	tgcagtgaaa	ttttacacag	aagatggtaa	ctgggatctc	gttgaaata	540
acacccccat	tttcttcac	agggatccca	tattgtttcc	atcttttatc	cacagccaaa	600
agagaaatcc	tcagacacat	ctgaaggatc	cggacatggg	ctgggacttc	tggagcctac	660
gtcctgagtc	tctgcatcag	gtttctttct	tgttcagtga	tcgggggatt	ccagatggac	720
atcgccacat	gaatggatat	ggatcacata	ctttcaagct	ggttaatgca	aatggggagg	780
cagtttattg	caaattccat	tataagactg	accagggcat	caaaaacctt	tctgttgaag	840
atcgggcgag	actttcccat	gaagatcctg	actatggcat	ccgggatctt	tttaacgcca	900
ttgccacagg	aaagtacccc	tcttggaact	tttacatcca	ggcatgaca	tttaatcagg	960
cagaaacttt	tccatttaat	ccattcgatc	tcaccaaggt	ttggcctcac	aaggactacc	1020
ctctcatccc	agttggtaaa	ctgggtcttaa	accggaatcc	agttaattac	tttgctgagg	1080
ttgaacagat	agccttcgac	ccaagcaaca	tgccacctgg	cattgaggcc	agtcctgaca	1140
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attatcttca	tatacctgtg	aactgtccct	accgtgctcg	agtggccaac	taccagcgtg	1260
acggcccgat	gtgcatgcag	gacaatcagg	gtggtgctcc	aaattactac	cccaacagct	1320
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tgcggagatt	caacactgcc	aatgatgata	acgttactca	ggtgcgggca	ttctatgtga	1440
acgtgctgaa	tgaggaacag	aggaaacgtc	tgtgtgagaa	cattgccggc	cacctgaagg	1500
atgcacaaat	tttcatccag	aagaaagcgg	tcaagaactt	cactgagggtc	cacctgact	1560
acgggagcca	catccaggct	cttctggaca	agtacaatgc	tgagaagcct	aagaatgcga	1620
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gccggggccc	tgcacctgtg	cagcgaagct	tagcgttcat	ccgtgtaacc	cgctcatcac	1740
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atcccacttt	ctatagcaga	ttgtgtaaca	attttaatgc	tatttcccca	ggggaaaatg	1860
aaggtttagga	tttaacagtc	atttaaaaaa	aaaatttggt	ttgacggatg	attggattat	1920
tcattttaaaa	tgattagaag	gcaagtttct	agctagaaat	atgattttat	ttgacaaaat	1980
ttgttgaaat	tatgtatgtt	tacatatcac	ctcatggcct	attatatata	aatatggcta	2040
taaatatata	aaaagaaaag	ataaagatga	tctactcaga	aattttttatt	tttctaagggt	2100
tctcatagga	aaagtacatt	taatacagca	gtgtcatcag	aagataactt	gagcaccgtc	2160
atggcttaaat	gtttattcct	gataataatt	gatcaaattc	atttttttca	ctggagttac	2220
attaatgtta	attcagcact	gatttcacaa	cagatcaatt	tgttaattgct	tacattttta	2280
caataaataa	tctgtacgta	aaaaaaaaa				2309

<210> 8317

<211> 1490  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (67)...(1413)  
 <223> similar to gi202215 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8317  
 gaattcccggtgtcgacgatttcgtttgtcaccccgactcaacgtgagacgcaccgcccggga60  
 ctccaccatgctggaatgcatctcagttccacgtggggcaggcaggtgtcca gatgggcaat120  
 gcctgctgggagctctattgcttggaaacatgggattcagcctgatgggca gatgccagt180  
 gacaagacca ttggtggaggggacgactcc ttcaccacct tcttctgtga aactggtgct240  
 ggaaaacacgtaccccgggcagtttttgtg gatctggagcctacgggtcat tgatgagatc300  
 cgaaatggccataccgacagctcttccacccagagcagctcatcactgg gaaagaggat360  
 gctgccaaca actatgcccgttggtcactat accattggcaaggagatcat tgaccagtg420  
 ctggatcgga tccgcaagctgtctgaccagtgccacaggac ttcagggtctt cctggtgttc480  
 cacagctttgtggggggcac tggctctggc ttcacctcac tctgatgga gcggctctct540  
 gttgactatg gcaagaaatccaagctggaa ttctccatct acccagcccc ccagggtgtct600  
 acagccgtggtcgagcccta caactctatctgaccacccc acaccacct ggagcactca660  
 gactgtgccttcatggtgga caacgaagca atctatgaca tctgcccgcg caacctagac720  
 atcgagcgcc caacctacac caacctcaat cgctcatta gccaaattgt ctctctcatc780  
 acagcttctc tgcgctttga cggggccctc aatgtggacc tgacagagtt ccagaccaac840  
 ctggtgccct accctcgcat ccacttcccc ctggccacct atgcaccagt catctctgca900  
 gaaaaggcat accacgagca gctgtcggtg gcagagatca ccaatgcctg ctttgagcct960  
 gccaacaga tggtaaagtgtgatccccggcacggcaagt acatggcctg ctgcctgctg1020  
 taccgtggag atgtggtgcc caaggatgtc aacgtgccat ttgccgccat caagaccaag1080  
 cgcagcattc agtttgtgga ctggtgcccc acaggcttca aggttggtat caactaccag1140  
 cctcccactg tgggtgcctgg gggtgacctg gccaaagggtgc agcgtgccgt gtgcatgctg1200  
 agcaacacga ccgccatcgc cgaggcctgg gccgcgctgg accacaagtt cgacctgatg1260  
 tatgccaaga gggcgcttctg cactgggtat gtgggtgagg gcatggagga ggggtgagttc1320  
 tccgaggccc gtgaggatat ggctgccctg gagaaggatt atgaggaggt gggcatcgac1380  
 tctatgagg acgaggatga gggagaagaa taaagcagct gcctggagcc tattcactat1440  
 gtttattgca aaatcctttc gaaataaaca gtttccttgc aaaaaaaaaa1490

<210> 8318  
 <211> 1491  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (148)...(973)  
 <223> similar to gi4104922 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8318
gccccggga gctgtgctct atggagctat tgcggccgtg ggtggtcgcg ggcgatgcgg 60
ggctgccagc tcctcgggct tcgtagctct tggcccgggg acctactaag tgctcggctc 120
ttgtcccaag agaagcgggc agcggaaaacg cactttgggt ttgagactgt gtcggaagag 180
gagaaggggg gcaaagtcta tcaggtgttt gaaagtgtgg ctaagaagta tgatgtgatg 240
aatgatatga tgagtcttg tatccatcgt gtttgggaag atttgctgct ctggaagatg 300
caccgccttc ctgggaccca gctgcttgat gttgctggag gcacaggatga cattgcattc 360
cggttcctta attatgttca gtcccagcat cagagaaaac agaagaggca gttaagggcc 420
caacaaaatt tatcctggga agaaattgcc aaagagtacc agaatgaaga agattccttg 480
ggcgggtctc gtgtcgtgg gtgtgacatc aacaaggaga tgctaaagggt tggaaagcag 540
aaagccttgg ctcaaggata cagagctgga cttgcatggg tattaggaga tgctgaagaa 600
ctgccctttg atgatgacaa gtttgatatt tacaccattg cctttgggat ccggaatgtc 660
acacacattg atcaggcact ccagggaagct catcgggtgc tgaaaccagg aggacggttt 720
ctctgtctgg aatttagcca agtgaacaat cccctcatat ccaggcttta tgatctatat 780
agcttccagg tcatccctgt cctgggagag gtcatcgctg gagactggaa gtcctatcag 840
taccttgtag agagtatccg aaggtttccg tctcaggaag agttcaagga catgatagaa 900
gatgcaggct ttcacaagg gacttacgaa agtctaacat caggcattgt ggccattcat 960
tctggcttca aactttaatt cctttcctat catggagcat gaaccagtca tatcctgttg 1020
aaagcctgga actgaaggat aatctggcaa atgagacagc agcagagcat ctctctctaa 1080
ggatacgtgc cttggactca tgtttgaatc gaacagtctc aaagtggaag aacaaattct 1140
tgtcactttt ttacagcttt ctttggagct gcttcagtcc atctcccaga ggcatttggt 1200
ctgtatcttt gctcaactgc taatttctct tggtgttagg gtgtgtgggt aaggtacaac 1260
caccctaaa gctcagtttt gaagtgaagt tatttatagc ttctctgctg gtgctgcctt 1320
ctagagggat gatagatcat ttgaacccaa tgacaatttt taaccagaaa atttaattgt 1380
acctgaatca acctttcagc ctaggacgaa gtctaggccc aagtcagagt attaatgatc 1440
atgagaattg tgtgctgaac cagtaaacga gtttaccttt taaaaaaaaa a 1491

```

```

<210> 8319
<211> 1651
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1429)...(999)
<223> similar to gi2062678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8319
tttttttttt ttccatttca aacaataact tttattttat acttctctat actttgtagc 60
aaatcttttt ttgctgaatt taatttataa taaacttttt aaattacatc tctctctctt 120
tttttttaaa atcaaggctc ttttatgtca aaatcttttt ttagctatat tttagattaa 180
catttaacat ccccccttg tgatctatac cgttggatat tcaggтата ctgtgtgtgt 240
aacagctaaa acaagaggga ggagggaataa taaaggcagt gaacttggaac ggatgcatca 300
acaacagcag ataaagctaa cccctcagtg accatagcag catgtcttct ggaagccttt 360
actcttacc cagagatttc ctacagccct ttcctctctt cctctctatc ctcccaaaca 420
caaaggccca acagtctgtc ctttcgcttt tcttgaggag aaatgtgcag tggaaatgat 480
caaaacaaga tactgtggaa gaacgacgtg agcgtgaatt attcaccgta tgtttcgtcc 540
gtggacatct ctcttgaatt cattccctgt gccttctctt ctctctgctt tcctattagg 600

```

```

aggagcccat catttttcat gttactagca tgattaatat agtaggtggc ccagggccgt 660
tcctgagatt cttttgccaa caaaaaaat taataataat aaaattaaaa aatggggtgg 720
gtttgccgtt ttcttatttg tgtgtgaaga cggactaaag ctgaggtccg attttggctg 780
tgcttgcttg ctcaactgatt ggtaacatct ggcaaataaa acacaagaaa tcaaacgaaa 840
taaaaaagag aatcaggatt tcccacaatc ctatatgagt gttttcagca tcacagagaa 900
tcacaacgtc cccaaagaac taatggatct tcctctcgat ttccgggagc atggagtgg 960
tgtgggtggg cgcgcggggg gagctggccc cacgctcaga aggaaagcca ggtcgctaaa 1020
gctgccgaga gagacaccag gagcaccggg aacgcgggga gcagggaccc cgccgccccg 1080
ttgccgctgc cgcagagttc gaataagctg ccttgatgt tgaggttttt ggattctttt 1140
ctcagtttat cccacatata tttcgccctt tcctggcaat ccgtaagggc tgtgaccgtg 1200
cagctgtgga aatcctccca gtatgtgcac acggtcttga tgttcgtctt gtcgtccagg 1260
ccctgcgggt agttggccat gctgtcgccc agcttgagca aacagtccga aaagcccttg 1320
aagaccgcat cgcacttgcc cgctgctctc acggcctgca ccagatacgc tatttgacc 1380
gcgaggatca gtgaaatata tctgccgttc aacttaagtc ccatcctacg tttagtcaaa 1440
ccatttgca ccgcagacct ttaaatagtt agtttagaga acgcggggga aagccaaaaa 1500
ataggcattg ccaacaagtt ccgggagcga cagagacttt atgcaactgg aaggcagagg 1560
gaggagagaa agagagggag cgaggaagag ccagaaagag agagagagag agaaagagag 1620
agagagagag aggctgaggg gggggggaga g 1651

```

```

<210> 8320
<211> 1730
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (284)...(1519)
<223> similar to gi773387 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters.

```

```

<400> 8320
cccatccacc cgcgacccac atccgatcgg taccggagcg ggaggtgagg ggtcgggctcg 60
cggatccagc tgcagagcga cgtggggaat tggaatggtg ctttgatct tatggaggcc 120
atlttgattc tcaggaagat ttctgaaact ggaaagccat agcataactg aatcaaaatc 180
gttgattcca gtagcttgga catccctgac acagatgctt ttggaagcac ctggtatttt 240
cttattgggt caaagaaaaa gattctcaac catgccagaa acagaaacac atgagagaga 300
gactgaattg ttttcaccac cttctgatgt ccgaggcatg acaaaacttg atagaacagc 360
ttttaaaaag acagtcaaca ttccagtgt taaagtgagg aaagaaatag tcagttaaatt 420
gatgcgatcc ctaaaaaggg cagcattgca gcgccaggc ataagacgtg tgattgaaga 480
tcgggaagat aaagaaagta gactaatcat gttggatccc tataaaatat ttactcatga 540
ttcctttgag aaagcagaac tcagtgtttt agagcagctt aatgtcagtc cacagatctc 600
taaatacaat ttggaactaa catatgaaca ctttaagtca gaagaaatct tgagagctgt 660
gcttcctgaa ggtcaagatg taacttcagg gtttagcagg attggacata ttgcacacct 720
aaaccttcga gatcatcagc tgcctttcaa acatttaatt ggccagggtta tgattgacaa 780
aaatccagga atcacctcag cagtaaataa aataaataat attgacaata tgtaccgaaa 840
tttccaaatg gaagtgtat ctggagagca gaacatgatg acaaagggtc gagaaaacaa 900
ctacacctat gaatttgatt tttcaaaagt ctatttgaat cctcgtctgt ctacagaaca 960
cagccgtatc acagaacttc tcaaacctgg ggatgtccta tttgatgttt ttgctggggg 1020
tgggcccttt gccattccag tagcaaagaa aaactgcact gtatttgcca atgatctcaa 1080
tcctgaatct cataaatggc tgttgtacaa ctgtaaatta aataaagtgg accaaaaggt 1140

```



gcggtcacac	tccagccaaa	tagtgttctc	ggggtggtgg	ctgggcagcg	cctatgtttc	1680
tctggagatt	cctgcaacct	caagagactt	cccaggcgct	caggcctgga	tcttgctcct	1740
ctgtgaggaa	caaggggtgcc	taataaatac	atttctgctt	tattaaaaaa	aaaa	1794

```

<210> 8322
<211> 2650
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (188)...(570)
<223> similar to gi790567 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

00403225.04100

<400> 8322						
ccgcctcctt	gaagctgccc	ctgtcgtctgc	tgtctggttcg	agtcgcagat	ccttgccagc	60
acattacaga	atatttttgt	tgaaccttct	tgagaattca	gagaaactgc	tgagtgacca	120
ctgaacgaaa	agatctaata	ttaaggctta	cgcgtgttcc	atccaccaca	tcagaacaat	180
gtcgtatggt	tttgtaaata	attcttctca	gactaacgtg	cccttgctgc	aagcctgtat	240
tgatggggac	tttaattatt	ccaagcggct	tttgaaaagt	ggctttgacc	caaatattcg	300
tgacagcagg	ggcagaacag	gccttcacct	tgacagcagt	cgagggaatg	tagacatctg	360
ccagttactg	cataaattcg	gtgccgatct	tctggccaca	gattatcaag	gaaacacagc	420
tcttcacctc	tgtggccatg	tggtacttat	ccaatttttg	gtttccaatg	gactcaaaat	480
tgatattttg	aatcatcaag	gtgctacccc	tttagttctg	gcaaagcgca	gaggagtaaa	540
taaagatgtc	atccgattgc	tggaatcttt	ggaagaacag	gaggtgaaag	gatttaacag	600
aggaaccac	tcgaaactgg	agaccatgca	aacagctgag	agtgaagtg	ccatggaaag	660
ccattcactc	ctcaatccca	acctgcagca	aggtgaagga	gtcctctcca	gcttccgaac	720
cacgtggcag	gagtttgtgg	aggatctggg	cttctggaga	gtattgctgt	tgatcttcgt	780
cattgctttg	ctgtctcttg	gcattgctta	ttatgtgagt	ggggtgctac	ccttcgtgga	840
aaaccagcct	gaactggtgc	attaaaggag	ctcatggaag	atgaggcaat	taattccctg	900
tttctctggc	tccaatgttt	gttctcagtt	tctcagaatt	tttcttagcg	caaagcagtg	960
agggcagtag	atggtccttt	tggtcatttt	attatggtaa	atccttttag	ataatgatgt	1020
gttcatttga	actaactaca	tactatgata	aagtatatgt	catcctaacg	ctacctctga	1080
ctcaacctga	ctttgtagga	aagcctacac	gtagccttgt	ttgataaaaa	cacggaagtg	1140
actagagaat	ggaagataaa	ggaagaagct	aggaagtcct	tgctatcaaa	accttatcct	1200
aatataggac	caattgaagt	attcaaaaag	aaaaacagta	tcttatatga	ttagtttttg	1260
ttggtgggtt	tgttttcatt	tattttttgca	agagccactt	tttatttact	ttctctaggg	1320
ataagagata	aaacttgaag	tacttttttc	aaatcttgtg	tgcaaattag	tattgttagc	1380
atctattttg	cttatttttag	tattttttaag	tctagtcaca	aaccaaaca	aacttttgaa	1440
aatgagctat	attttgttca	aagataattg	atttgatctt	atattttatt	gttttttagga	1500
taatttttga	tctttttgta	aactgctttg	cttggttaata	tctgtgaaaa	ataaatgagt	1560
tcatttttgt	cactttccaa	ttttcccagag	tatcctagtc	atcaaagata	acagttcatc	1620
agaattacag	tcagaaaatc	ctttttctac	tgaatagtta	gcagggaaaa	ataattctga	1680
tatttaactg	tcataattct	gtagtgtctat	tatagtgaag	aactcagttc	tataagctag	1740
ctgtgttgtc	acagttttat	catagttcat	aattatttca	cgtgcaatcc	tatttgaggg	1800
ccctgttaga	cttttaacaa	tcccatccat	atctgttaatt	ctctgatggc	aagaatggat	1860
ggagcatttc	tgagttaaca	gtgctggaca	gtatcgtact	gggtgtcata	aactctttat	1920
gaatggtaat	attatgtaaa	ttgaaatctg	gccctcaaac	tatattgcag	ctttcagcag	1980
tatgtttgaa	ggcctctttt	gttaatgatt	ctgtaatgta	tgaattatgt	tcttgagtgg	2040

ttaaaaaaga	atatgaaggc	ttgataatta	tttattgggt	aaagtcagga	aattgtagtg	2100
aaagaactaa	tgggttttgtt	ttttggaata	aaggcaccta	agctattgct	aattgaattg	2160
ctgctagaat	tagaaattat	gctttagaat	agaattggta	tttctgtgat	tcttttttgc	2220
tcttggtatt	ttctcttgta	tctatgtatc	tagtattgag	gcttgctctt	tcatgtggct	2280
ttatcctctc	tttaatagct	gttgtaaaat	tcctgagtaa	ctggctgctt	caggatcagc	2340
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agcaaaaaac	agctggcctt	ggaatggaga	acactacaat	tcaaatttga	agtatatattca	2460
gaagaaaact	ttggaattag	ctttacattt	gtttgtaaat	ctaaacaaat	atgccaaaaat	2520
tgggtcaaaa	gtaagtatat	agcattttta	aagattaatg	gttccttttt	atgtgctgat	2580
ttcttttgta	ttctgttctc	tgcattcatc	attcaggaat	accaccaata	aatgtattta	2640
tatatccctt						2650

<210> 8323  
 <211> 2027  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (147)...(1184)  
 <223> similar to gil226235 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8323						
cccacgcgtc	cgatagattg	cttggtgctgc	ctgataatta	ctcgcacttt	tcccaggcta	60
gtgcaaatct	tcaggggccc	tccaggacta	cagagctgtt	tcaccctacc	ttggcttcaa	120
tctcttcccc	catgctcgaa	ggtgcggagc	tgtacttcaa	cgtggaccat	ggctacctgg	180
agggcctggt	tcgaggatgc	aaggccagcc	tcctgaccca	gcaagactat	atcaacctgg	240
tccagtgtga	gaccctagaa	gacctgaaaa	ttcatctcca	gactactgat	tatggtaact	300
ttttggctaa	tcacacaaat	cctcttactg	tttccaaaat	tgacactgag	atgaggaaaa	360
gactatgtgg	agaatttgag	tatttccgga	atcattccct	ggagcccctc	agcacatttc	420
tcacctatat	gacgtgcagt	tatatgatag	acaatgtgat	tctgctgatg	aatgggtgcat	480
tgcagaaaaa	atctgtgaaa	gaaattctgg	ggaagtgcc	ccccttgggc	cgtttcacag	540
aaatggaagc	tgtcaacatt	gcagagacac	cttcagatct	ctttaatgcc	attctgatcg	600
aaacgccatt	agctccattc	ttccaagact	gcatgtctga	aaatgctcta	gatgaactga	660
atattgaatt	gctacgcaat	aaactatata	agtcttacct	tgaggcattc	tataaattct	720
gtaagaatca	tgggtgatgtc	acagcagaag	ttatgtgtcc	cattcttgag	tttgaggccg	780
acagacgtgc	ttttatcatc	actcttaact	cctttggcac	tgaattgagc	aaagaagacc	840
gagagaccct	ctatccaacc	ttcggcaaac	tctatcctga	gggggttgccg	ctgttggtctc	900
aagcagaaga	ctttgaccag	atgaagaacg	tagcggatca	ttacggagta	tacaaacctt	960
tatttgaaagc	tgtaggtggc	agtgggggaa	agacattgga	ggacgtgttt	tacgagcgtg	1020
aggtaaaaat	gaatgtgctg	gcattcaaca	gacagttcca	ctacgggtgtg	ttttatgcat	1080
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<210> 8324  
 <211> 1549  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(1023)  
 <223> similar to gi780241 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gcggcacctg	gaggaggaga	accgaggaat	tgtgggtgctt	ggaataaaca	gagcttatgg	300
caaaaattca	ctcagtaaaa	atcttataaa	aatgctatca	aaagctgtgg	atgctttgaa	360
atctgataag	aaagtacgga	ccataataat	caggagtga	gtcccaggga	tattctgtgc	420
tggtgctgac	cttaaggaaa	gagccaaaat	gagttccagt	gaagttggtc	cttttgtctc	480
caaaataaga	gcagtgatta	acgatattgc	taatcttcca	gtaccaacaa	ttgcagcaat	540
agatggactc	gcttttaggtg	gtggctcttga	actggcttta	gcctgtgata	tacgagtagc	600
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agacagactt	gaagggtcttc	ttgcttttaa	agagaaaagg	ccccctcgct	ataaaggaga	1020
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ttcggatcca	ctatatgcct	cagcacatgg	aaccttaatg	accaaagtga	agagcagatt	1140
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gttagatata	cattttttaa	tatttactgc	atatgaggct	ttctgttaat	tttttaattgt	1320
gaataattta	tatattgcac	attctagggga	ataatattga	ttgtatgtct	actgtgctgc	1380
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<210> 8325
<211> 2579
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1018)...(1491)
<223> similar to gi2662578 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8325

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cgggccgcaa gtttccctct ccagccgccc gccgttcgta gcatgtcccc cagaactcgg      180
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cccacccgc tcctctgtcg ctggagaacc gccgggcccga gccactggga gaagcaggcc      300
agagccttcc agggcctccg gcccgaggac ccgaggagga tgagctgggt ttttccctcg      360
accaagagcg cctcctcctc cgcggtggg tcccccggtg gcctcaccag cctccagcag      420
cagaagcagc gcctgatcga gtccctccgg aactcacact ccagtatagc cgaaatacag      480
aaagatgtgg aatacagatt gccattcacc ataaacaacc tgacaattaa cattaatata      540
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caagaggagg tattactaga acagtttctg actttgcctc aactaaaaca aattattacc     1140
gacaaagatg acttagtaaa aagtattgag gaactagcaa gaaaaaatct ccttttggag     1200
cccagcttgg aagccaaaag acaaactgtt ttagataagt atgaattact tacacagatg     1260
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caacagaaat tcttatgcta atttaaaaca tatatatatc tggtaggttt gtggttgat     2280
aggttttcta aattcctaatt gttaaaaaca atctttatgt taatatacac taaatctata     2340
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aagctatagt	aataagtaaa	atttaatttt	taggcaatcc	tgatttttaa	tgaatttaat	2460
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<210> 8326

<211> 557

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (93)...(323)

<223> similar to gi871885 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8326

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cagggagact	tgggtgaccc	cccttccagg	cgccatctag	cacagcctgg	ccctgatctc	420
cgggcagcca	ccacctcttc	ggtctgcccc	ctcattaaaa	ttcacgttcc	cacccaaaaa	480
aaaaaaaaag	gggggcccgt	ttaaaggatc	aaatttatac	gccggggggc	ggcaagggtat	540
tatttttttt	ttggggc					557

<210> 8327

<211> 4913

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4881)...(2458)

<223> similar to gi204177 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8327

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ggtgaccagt	gagtgacca	atgtctggtt	gggaaatctc	tctctgaact	tcttgctgtt	180
ggacctaaaa	tgtggatgta	aattggatca	cagctgggtt	ggcattgaaa	aaaatacata	240

cacaacaaac	aattacaact	tctttatatg	gcagttttta	ctgggtgtct	aatactctct	300
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caaaatgatt	tgtagccaa	aagaactata	aaccaccta	caagactttg	gtaagaaaga	420
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atgttaccca	ttcttagcca	ttaacctggt	tttaagtctc	caaaatcagg	attttaaaat	540
gtaccaact	gggaccaa	acaaacatga	gacactaggg	tggcttgtcc	ttgattagga	600
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<210> 8328

<212> DNA

<213> Homo sapiens

<221> misc feature

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<223> similar to gi2344810 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<400> 8328

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catctgggtg	aggctgaggt	agctgctgag	ctgggcccac	tggctgcctc	actggaggca	2040
gcagagagcc	tggatgagct	gcaactgggc	ccagagctag	gagtctttgc	agactttggg	2100
aaccacacaa	aagcagtaca	gctgaagccc	aggccccctc	aggggctcgt	tcgggtggtg	2160
ggtcggcccc	aacctcaact	gcagtatgta	gatgctcttg	gctatgtcag	tctttttccc	2220
ttgctgctgc	gactgctgga	ccccacctca	tccgccttg	ggcccctgct	ggacattcta	2280
gccgacagcc	gccatctctg	gagccccctt	ggtttacgct	cccttgacgc	ctccagctcc	2340
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aatgtcaact	acctggcttt	gggagcaactc	caccactatg	ggcatctgga	gggtcctcac	2460
caggctcggg	ctgccaaact	ccacgggtgag	ctccgtgcca	acgtggtagg	caatgtatgg	2520
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atgggtgcct	gccttttcca	cggctggacc	agccttgtct	tactggccat	ggctgaagac	2640
tactgaaggg	agggagagga	ggggagccaa	gacactatga	ccactctggc	tctgaaggga	2700
caaaggcttc	tggcttttgc	ccccagcccc	ttggatacca	gtaattcaaa	ccttcctcat	2760
ttcatctcag	gtgtctcctt	gctgtcatcc	cacatagccc	tgggggtgaat	gtgaatccag	2820
agtctatttt	tctaaataaa	ttggaaaaaa	caaaaaaaa	a		2861

<211> 1756

<212> DNA

<213> Home

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (22\bar{9}) \dots (1268)$$

```
<223> similar to gi4895164 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

<400> 8329

tgtgtctgtg	tctgtctgtg	tctgcagcg	gcgcgcggcc	cggacaagc	gctggggatt	60
cccgtttgag	gcgtcactac	tgctactgcc	atcacccac	ggagccactt	ctagagggga	120
gtagaccgg	ccccttcgcc	ggcagagaag	atgttgcccc	tgtccatcaa	agacgatgaa	180
tacaaaccac	ccaagttaa	tttgttcggc	aagatctcgg	gctggtttag	gtctatactg	240
tccgacaaga	cttcccgga	ccgtgttttc	ttcctgtgcc	tgaacctctc	tttcqctttt	300

```

gtggaactac tctacggcat ctggagcaac tgcttaggct tgattttccga ctcttttcac 360
atgtttttcg atagcactgc cattttggct ggactggcag cttctgttat ttcaaatgg 420
agagataatg atgctttctc ctatgggtat gttagagcgg aagttctggc tggctttgtc 480
aatggcctat ttttgatctt cactgctttt tttattttct cagaaggagt tgagagagca 540
ttagcccctc cagatgtcca ccatgagaga ctgcttcttg tttccattct tgggtttgtg 600
gtaaaccctaa taggaatatt tgttttcaaa catggagggtc atggacattc tcatggctct 660
ggccacggac acagtcatte cctctttaat ggtgctctag atcaggcaca tggccatgtc 720
gatcattgcc atagccatga agtgaaacat ggtgctgcac atagccatga tcatgctcat 780
ggacatggac actttcattc tcatgatggc ccgtccttaa aagaaacaac aggacccagc 840
agacagattt tacaagggtg atttttacat atcctagcag atacacttgg aagtattggt 900
gtaattgctt ctgccatcat gatgcaaaat tttgggtctga tgatagcaga tcctatctgt 960
tcaattctta tagccattct tatagttgta agtgttattc ctcttttaag agaactctgtt 1020
ggaatattaa tgcagagaaac tcctccccta ttagaaaata gtctgcctca gtgctatcag 1080
agggtacagc agttgcaagg agtttacagt ttacaggaac agcacttctg gactttatgt 1140
tctgacgttt atgttgggac cttgaaatta atagtagcac ctgatgctga tgctaggtgg 1200
attttaagcc aaacacataa tatttttact caggctggag tgagacagct ctacgtacag 1260
attgactttg cagccatgta gtgaatggaa agaaattatg caccttttat ggaccaaatt 1320
tttctggtac tgtacgatcc aaaacattgt acccagcttt ttaaaagaga gaaattatca 1380
ctacaactcc cgagcactaa gtagacgggg tagagtcagc cgttcatgct ttgtggggag 1440
ttcacagcta agggatcaga tttaagagga tatctcctgg acttttggtc ttttcttttg 1500
tgctctttcc tccaaatctt tttgacttct gaggttttta gcttaggatg ttaatttgtc 1560
cttttgtctt tctttttttg tttttgttt ctgtttgttt gttttcatgt tgaatgccca 1620
caccaccatc ctctcatccc agccagtaag aatttcagtt gtgggcctcc agtcttctgg 1680
aatgtcttca ctgcagctgc tggaaatcac tgctttcatt cccacaaaac cagtattact 1740
tttttttaaa aaaaaa 1756

```

```

<210> 8330
<211> 2041
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (143)...(1764)
<223> similar to gi5533081 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8330
gaattcgttc tcaactacga gccacgagtt tgcagatggg gctgctcggc ggcgccctgtg 60
gctgagggag agcagcggcg gcggggagcg accgggagcg gcggcagcgg cggcgcggag 120
gcggctgagg tgcgagccgg caatgcagca agtcttgga aaccttacgg agctgccctc 180
gtctactgga gcagaagaaa tagacctaat tttcctcaag ggaattatgg agaactctat 240
tgtaaaatca cttgctaagg ctcatgagag gctagaagat tccaaactag aagctgtcag 300
tgacaataac ttggaattag tcaatgaaat tcttgaagac atcactcctc taataaatgt 360
ggatgaaaat gtggcagaat tggttggtat actcaaagaa cctcacttcc agtcactggt 420
ggaggcccat gatattgtgg catcaaagtg ttatgattca cctccatcaa gccagaaaat 480
gaataattct tctatcaata atcagttatt accagtagat gccattcgta ttcttgggtat 540
tcacaaaaga gctggggaac cactgggtgt gacatttagg gttgaaaata atgatctggt 600
aattgcccga atcctccatg ggggaatgat agatcgacaa ggtctacttc atgtgggaga 660
tataattaaa gaagtcaatg gccatgaggt tggaaataat ccaaaggaat tacaagaatt 720

```

```

actgaaaaat attagtggaa gtgtcaccct aaaaatctta ccaagttata gagataccat 780
tactcctcat caggtatattg tgaagtgtca ttttgattat aatccataca atgacaacct 840
aataccttgc aaagaagcag gattgaagtt ttccaaagga gagattcttc agattgtaaa 900
tagagaagat ccaaattggg ggcaggctag ccatgtaaaa gagggaggaa gcgctggtct 960
cattccaagc cagttcctgg aagagaagag aaaggcattt gttagaagag actgggacaa 1020
ttcaggacct ttttgtggaa ctataagtag caaaaaaaag aaaaagatga tgtatctcac 1080
aaccagaaat gcagaatttg atcgtcatga aatccagata tatgaggagg tagccaaaat 1140
gcctcccttc cagagaaaaa cattagtatt gataggagct caagggtgtag gccgaagaag 1200
cttgaaaaac aggttcatag tattgaatcc cactagattt ggaactacgg tgccatttac 1260
ttcacggaaa ccaagggaag atgaaaaaga tggccaggca tataagtttg tgtcacgac 1320
tgagatggaa gcagatatta aagctggaaa gtatttggaa catggggaat atgaaggaaa 1380
tctctatgga accaaaattg attctattct tgagggtgtc caaactggac ggacttgcac 1440
tctggatgtc aaccacaaag cactgaaagt attgaggaca tcagagttta tgccctatgt 1500
ggtatttatt gcggtctcgg agctagagac gttacgtgcc atgcacaagg ctgtggtgga 1560
tgcaggaatc actaccaagc ttctgaccga ctctgacttg aagaaaacag tggatgaaag 1620
tgcacggatt cagagagcat acaaccacta ttttgatttg atcatcataa atgataatct 1680
agacaaagcc tttgaaaaac tgcaaactgc catagagaaa ctgagaatgg aaccacagt 1740
ggtcccaatc agctggggtt actgatgatt cagtaagggt aacaatgaaa attaaactct 1800
taaaaagtga ctgcaacaaa taaaccttct actgagaaaa tacatcacag atagaagatt 1860
atctgcctaa gtcccaggca tttttatggg gtagattgaa ataatagtag acttctgaat 1920
ttttatataa aatgtggttg gaagggtgtac taatatataa tttatcttaa tttttctaac 1980
tttgtatgga taatctttct attcatatca cataaagaaa tgcgttgaag caaaaaaaaa 2040
a 2041

```

```

<210> 8331
<211> 1302
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (477)...(1275)
<223> similar to gi5001720 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8331
cgtgcgtgga attcggcgtg cttgctgctg gaggggtgatg gccctgcaag gctgtgggct 60
ccgacctcac cgggagtcga cagcgagagg ttccgccgaac agcgagggtc tgggcgagcg 120
ctgaacgccg gccccaaagca ccccggtctt ttacacagtc cgcggccaca gactctgacg 180
aagacgtgga tctgctctcg ctttagctgc tcgcggtcct ccagatcatg tccgcgactc 240
ctgcgactcc gcgcggaaaa aaaagtttgc caggcgtgga ctcaatgacc tttccaagct 300
gtgcgcctcg ctgcctggac cgggtctgag cgcggctgcc cagggtgacc tttctgcggg 360
agggttttct ctacgtgctg ttgtctcact gggtttttgt cggagcccca cgccctccgg 420
cctctgattc ctggaagaaa gggttggtcc cctcagcacc ccagcatcc cgaaaaatgg 480
ggagcaaggc tctgccagcg cccatcccgc tccaccctgc gctgcagctc accaattact 540
ccttcctgca ggccgtgaac accttcccgg ccacggtgga ccacctgcag ggctgtacg 600
gtctcagcgc ggtacagacc atgcacatga accactggac gctgggggat cccaatgtgc 660
acgagatcac ccgctccacc atcacggaga tggcggcggc gcagggcctc gtggacgcgc 720
gcttcccctt cccggccctg ccttttacca ccacctatt ccacccaag cagggggcca 780
ttgcccacgt cctccagcc ctgcacaagg accggccccg ttttgacttt gccaatgttg 840

```



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```
<220>
<221> misc_feature
<222> (217)...(606)
<223> similar to gi286244 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 8333
<211> 2540
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(1635)
<223> similar to gi505029 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8333

gtcgtggaat	tctgcgcgca	gctccaccgt	tgccaagacg	ccgcgtaaac	acccgagcgc	60
gcgcagccag	gtgcgctcct	tggggctgct	ggctgctgcg	tttgcggcgg	gaggtgggtgg	120
ccgcggtccc	acgagagggg	gtatTTTTcg	tcagccaaga	tgggttccaa	aaggagaaat	180
ttgagctgta	gtgaaaggca	tcagaaatta	gtagatgaaa	actactgcaa	aaaattacat	240
gtccaagctc	taaaaaacgt	caacagtcaa	atcaggaatc	aaatggtgca	gaatgaaaat	300
gataaccgtg	ttcagcgcaa	gcaatttctc	agattattac	aaaatgaaca	atttgagttg	360
gatatggaag	aggccattca	aaaggcagaa	gaaaacaaga	gattgaaaga	actccagctc	420
aaacaagaag	aaaaactggc	tatggaattg	gcaaaactga	aacatgaaag	tctaaaggac	480
gaaaagatga	ggcaacaagt	aagagaaaac	agcattgagc	ttagagaatt	ggagaagaaa	540
ttaaaagcag	cttacatgaa	taaagaaagg	gcagctcaga	ttgctgaaaa	ggatgccatt	600
aaatatgaac	aatgaaacg	tgatgctgaa	atagccaaaa	ccatgatgga	agaacacaag	660
agaataataa	aggaagagaa	tgctgcagaa	gacaaacgaa	acaaagcgaa	agcacagtac	720
tatcttgact	tagagaaaca	acttgaagaa	caagaaaaaa	aaaagcagga	agcttatgag	780
cagctgctaa	aagagaaact	catgattgat	gaaattgtta	ggaagatcta	tgaagaagat	840
cagttggaaa	aacaacaaaa	gttagaaaaa	atgaatgcaa	tgcgaaggta	tatagaagag	900
tttcagaaag	agcaggctct	ctggagaaaa	aagaaacgtg	aggagatgga	agaagaaaac	960
agaaaaatca	tagagtttgc	taacatgcag	cagcaaagag	aagaagatcg	gatggcaaaa	1020
gttcaagaaa	atgaggagaa	aaggctacag	cttcagaatg	cgttgacaca	gaaattagaa	1080
gaaatgctgc	ggcaacgtga	agatttggaa	caagtgcgac	agaattata	ccaggaagaa	1140
caagctgaaa	tatataagag	caagctaaaa	gaagaagcag	aaaagaaatt	gagaaagcaa	1200
aaagagatga	agcaagattt	tgaagaacaa	atggccttga	aggaattagt	gctacaggct	1260
gcaaaagagg	aagaggagaa	ctttagaaaa	actatgctag	ctaaatttgc	tgaggatgat	1320
cgaatagaat	taatgaatgc	tcagaaacaa	agaatgaagc	agctggaaca	caggagggct	1380
gtggaaaaac	ttattgaaga	gcgtcgccaa	caattccttg	cagacaaaca	acgtgaacta	1440
gaagagtggc	agttgcagca	aaggcggcaa	ggatttatta	atgcaattat	tgaagaagaa	1500
aggctaaaac	ttcttaaaga	gcatgctaca	aacttactag	gctatctccc	taaaggagta	1560
tttaaaaaag	aggatgatat	tgatctgctt	ggtgaagagt	tcaggaaagt	atatcaacaa	1620
aggagtgaaa	tttgtgaaga	gaaatgatat	catcaaaatt	gggtaaagca	tagatttttt	1680
gtatgttacc	acttagatgt	cagcataact	tttgtttttac	agttcagtgg	cattaggtat	1740
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agatacaaat	taattttaat	caagctgtta	tttttgtact	gataatttca	aaatccgatt	1860
tctacaacac	tacagagcac	tgtttgcata	cccatcctca	agacagtata	tttaccttga	1920
ctaatacaga	actctacccc	aaagtgaact	gccttctgtc	tgtgttttacg	aactttactt	1980
acttgattta	gccagggaaa	taaataattt	gaattttctt	ttaaagcatc	ttttttggtc	2040
tactgtaagg	gaggagaatt	ataaatgaaa	agagtcaaga	attttattat	ctgatgtgct	2100
taattgtcat	gctaagaact	taaaaaaaca	actcaaaaag	agctaatagc	taatctccta	2160
aatctaataa	gggaattctt	tgaaattatt	ttgctttcat	aatcaaatat	attacttatg	2220
aagaataaaa	ataattcaaa	ccactacaat	aagtaaaatg	ggtatccatc	acatactgtc	2280
atagagacta	actgaagtag	atcacttatg	aatttcccca	ttcaagtgct	ttcataaatt	2340
cctcctcagt	gaaagatagc	atcttggcag	cttcaatatg	catctttttgc	cttttttaaaa	2400
catcaattaa	ttttaactgt	ttcttgaacc	ctatcattaa	ttctcctttt	tgtttttcta	2460
gcttcttggt	ttctgatttt	aacacttcaa	tttttttgtg	ttcttcattt	gctatgacct	2520
tgttattttg	ccttaattta					2540

<210> 8334

<211> 3387

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (329)...(2996)  
 <223> similar to gi4240297 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8334

atccagttca	cgcagtcgtc	attccagtat	ctcacctgtc	aggcttccac	ttaattccag	60
tctgggagct	gaactcagta	ggaaaaagaa	ggaaagagca	gctgctgctg	ctgcagcaaa	120
gatggatgga	aaggagtcca	gctacgaaaag	aagtggctct	tacagcgggc	gacgcccag	180
tccctatggt	cgaaggcgg	ccagcagccc	tttcttgagc	aagcgggtctc	tgagtcggag	240
tccactcccc	agtaggaaat	ccatgaagtc	cagaagtaga	agtcctgcat	attcaagaca	300
ttcatcttct	catagtaaaa	agaagagatc	cagttcacgc	agtcgtcatt	ccagtatctc	360
acctgtcagg	cttccactta	attccagtct	gggagctgaa	ctcagtagga	aaaagaagga	420
aagagcagct	gctgctgctg	cagcaaagat	ggatggaaaag	gagtcgaagg	gttcacctgt	480
atTTTTgcct	agaaaagaga	acagttcagt	agaggctaag	gattcagggt	tggagtctaa	540
aaagttaccc	agaagtgtaa	aattggaaaa	atctgcccc	gataactgaac	tggatgaatgt	600
aacacatcta	aacacagagg	taaaaaattc	ttcagataca	gggaaagtaa	agttggatga	660
gaactccgag	aagcatcttg	ttaaagattt	gaaagcacag	ggaacaagag	actctaaacc	720
catagcactg	aaagaggaga	ttgttactcc	aaaggagaca	gaaacatcag	aaaaggagac	780
ccctccacct	cttcccacaa	ttgcttctcc	cccaccccct	ctaccaacta	ctaccccctcc	840
acctcagaca	ccccctttgc	cacctttgcc	tccaatacca	gctcttccac	agcaaccacc	900
tctgcctcct	tctcagccag	catttagtca	ggttcctgct	tccagtactt	caactttgcc	960
cccttctact	cactcaaaga	catctgctgt	gtcctctcag	gcaaattctc	agccccctgt	1020
acaggtttct	gtgaagactc	aagtatctgt	aacagctgct	attccacacc	tgaaaacttc	1080
aacgttgctt	cctttgcccc	ttccaccctt	attacctgga	gatgatgaca	tggatagtcc	1140
aaaagaaact	cttccctcaa	aacctgtgaa	gaaagagaag	gaacagagga	cacgtcactt	1200
actcacagac	cttccctctc	ctccagagct	ccctggtgga	gatctgtctc	ccccagactc	1260
tccagaacca	aaggcaatca	caccacctca	gcaaccatat	aaaaagagac	caaaaatttg	1320
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caagtttgac	attattggga	ttattggaga	aggaacctat	ggccaagtat	ataaagccaa	1440
ggacaaagac	acaggagaac	tagtggtctt	gaagaagggtg	agactagaca	atgagaaaga	1500
gggcttccca	atcacagcca	ttcgtgaaat	caaaatcctt	cgtcagttaa	tccaccgaag	1560
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caaagggtgcc	ttttaccttg	tatttgagta	tatggaccat	gacttaatgg	gactgctaga	1680
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aggattggaa	tactgtcaca	aaaagaattt	cctgcatcgg	gatattaagt	gttctaactat	1800
tttgctgaat	aacagtgggc	aaatcaaact	agcagatttt	ggacttgctc	ggctctataa	1860
ctctgaagag	agtcgccctt	acacaaacaa	agtcattact	ttgtgggtacc	gacctccaaa	1920
actactgcta	ggagaggaac	gttacacacc	agccatagat	gtttggagct	gtggatgtat	1980
tcttggggaa	ctattcacia	agaagcctat	ttttcaagcc	aatctggaac	tggctcagct	2040
agaactgatc	agccgacttt	gtggtagccc	ttgtccagct	gtgtggcctg	atgttatcaa	2100
actgccctac	ttcaacacca	tgaaaccgaa	gaagcaatat	cgaaggcgtc	tacgagaaga	2160
attctctttc	attccttctg	cagcacttga	tttattggac	cacatgctga	cactagatcc	2220
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cagcaaaatg	gctcctccag	acctccccc	ctggcaggat	tgccatgagt	tgtggagtaa	2340
gaaacggcga	cgtcagcgac	aaagtgggtg	tgtagtcgaa	gagccacctc	catccaaaac	2400
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accacctcag	cctgctcctg	gcaagggtgga	gtctggggct	ggggatgcaa	taggccttgc	2520
tgacatcaca	caacagctga	atcaaagtga	attggcagtg	ttattaaacc	tgctgcagag	2580
ccaaaccgac	ctgagcatcc	ctcaaattgg	acagctgctt	aacatccact	ccaaccaga	2640
gatgcagcag	cagctggaag	ccctgaacca	atccatcagt	gccctgacgg	aagctacttc	2700
ccagcagcag	gactcagaga	ccatggcccc	agaggagtct	ttgaaggaag	cacctctctg	2760

```

ccagtgatc ctgccttcag cagaacagac gacccttgaa gcttcaagca caccagctga 2820
catgcagaat atattggcag ttctcttgag tcagctgatg aaaacccaag agccagcagg 2880
cagtctggag gaaaacaaca gtgacaagaa cagtgggcca caggggcccc gaagaactcc 2940
cacaatgcca caggaggagg cagcaggtag gagcaacggt gggaatgccc tctgaggaat 3000
gcagtgatgt ccatcagtc cctctcacc agagcctggc aaattcagtc tctttcacag 3060
aacctaaagc caagccagggt tcagtgggaa atcccacctg tccaaacact gtgtgagaca 3120
ccagaattag aggcctgcaa gcctgcttcc ttcaccccca atgccagat gggacagggtc 3180
accagcctcc tgtgtctacc cccaccttcc ttgcttgctg gcctcctctc tctgcagtgc 3240
ctctctcatc cctgcaatcc agacagcaca tgcagcagct catatgtgaa aaacaagacc 3300
cagagagggg aatcattttg aatcctgtcc tgggattgct ttgtgttccct ggatttgagg 3360
aatttctggg aacacaggag aaggaat 3387

```

```

<210> 8335
<211> 1084
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1085)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (753)...(347)
<223> similar to gi2827474 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8335
ccagcaccat cccctatacg gaagggtgt gatgagcctg gagcctcttg ccttcacctg 60
tctacaccta tccagtgeta ttctctttct ctgggcacag cctcccaggc tgctgctcct 120
cctcctgtaa aatgggcaca gtattatgtg ccttgtgttt tctccgattc agcagccttt 180
ccgcagatta tctgtggccc ctggggaaaag gtgttggggt ctcaacactc cattatgggg 240
actgcggctg aggcctggct gcaggctctc ctacacgctc cccagcgggtg agcccagcga 300
gacccagcag acggtcctgc ctcccactct ccagcactcc cctctgctta ctttgtctgc 360
agcggtgagg cgggtccacg gcttatctgc cctgcgggtc tagtctgag cgtcagccac 420
ctccacgtag tcaactgaagc ggatgaggat ctttctttcc cgaagctctt ccaccgtggg 480
cctttgactg agctttcggg ttagcctcct cttgatctct ctcttctcct cctgttctc 540
ttgttcatte cgaggtttca aaatgttctt ctgttccagt tctctgcag ttggcctctg 600
gctcagccgc ctacggaaaa aatccaggaa aagtttttgg accatatcat agcctccttg 660
ggtcattaat ttctcgggcc cttgcagata catgagacag tcagtggctg gagttcttgt 720
tccatcctgt gctctgaaag actgactctc gccaccaccg cctcctcagt tcntcaattt 780
caagcccagg agaggcacgt gcgtcatgtc acagccgctg acccccgcc tctcctctgc 840
agcggccctt cccagccccc atctcctcca gtggcccccag gcaagtggac tgcaactcag 900
acgggactct tttcttcaca gaagtctttt tctttccttg tggcctccta acttggggac 960
tgtggcctct tgcctctctc tccctccctt gaggctaaag cctgtctcct gcctcttctg 1020
tgcagaccca gttagaacat aaagaggtct gtggcccccg ggacatgtga gagaatgtgt 1080
ctgt 1084

```

<210> 8336  
 <211> 1871  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (303)...(1106)  
 <223> similar to gi3877439 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8336  
 gcacgagctt cgttcgggca cttccagtac tctcattcac ttcctgtccc tttcttttac 60  
 gtttccgaca aaacagtgtc tgtgggcagc tagaatcttc agtttctgtg agcgtccgct 120  
 tcgtctgggc acttccggta ctcccattca gttccgggtcc ctgtctttta cgtttccggc 180  
 aaaacatcag tgtctgtggg tagttggaat cttcagttcc tgtgagcgtc ggcgctcttct 240  
 gggcctgtgg agtttcttgg acagggggccg cgggggtcca ggacggcgcc cttagcgaca 300  
 ccatggcccg aaatgcagaa aaggccatga cggccttagc aagatttcgc caggctcagc 360  
 tggaagaggg aaaagtgaag gaacgaagac cctttctggc ctcaagaatgt actgaactgc 420  
 cttaaagctga gaagtggaga cgacagatca ttggagagat ctctaaaaaa gtggctcaga 480  
 ttcagaatgc tggtttaggt gaatttcgaa ttcgtgacct gaatgatgaa attaacaagc 540  
 tgctaaggga gaaaggacac tgggaggtcc ggataaagga gctgggaggt cctgattatg 600  
 gaaaagttgg ccctaaaatg ctggatcatg aaggaaaaga agtcccagga aaccgaggtt 660  
 acaagtactt tggagcagca aaagatttgc ctggtgttag agagctgttt gaaaaagaac 720  
 ctcttctctc tcccagaaag acacgtgctg agctcatgaa ggcaatcgat tttgagtact 780  
 atggttacct agatgaagat gatggtgtta ttgtgccttt ggaacaggaa tatgaaaaga 840  
 aactcagagc cgagtttagt gaaaagtggg aagcagagag agaggctcgg ctggcaagag 900  
 gagaaaaggga agaggaggag gaagaggagg aagagatcaa catctatgca gtcaccgagg 960  
 aggagtcgga cgaggaaggc agccaggaga aaggagggga cgacagccag cagaagttca 1020  
 ttgctcacgt ccctgttccc tcgcagcaag agattgagga ggcactggtg cgaaggaaga 1080  
 aaatggaact cctccagaag tatgcaagcg agaccctgca ggcccaaagt gaagaagcca 1140  
 gaaggctcct ggggtattag gacccagctg gggctctcct tggagttcct ccatccccca 1200  
 gtggtacctc aggacccagg gctgcagaca caggctggtg ctgcaagggc tcctgccccca 1260  
 ttctcagcct tccttccctc tccttgtctc atgttgaccg gagggtaggg gtctgtccct 1320  
 ggtcttctct gtaggttttg tacacatatt ttgctactgt gtggatccat ttatttttat 1380  
 tgtggagtgt atacaacagg ttgcgaactg gctgcctgtg tcttattttg acttgactg 1440  
 ccattttgag gggagaagaa tcaattagtg gcaaacattt aaaaatgcaa ttttttgag 1500  
 accaaagtat aattttaaaa aatgcaaatt ttctaaaaga cacatctctt gaaaaatgag 1560  
 atgatgtggc caggcgagc ggctcacgcc tgtaaccca gcactttggg aggcgaggc 1620  
 gggcgggtca cgaggtcaag agatggagac catcctggcc aacatggtga aaccccatgt 1680  
 ctactaaaaa tacaaaaaaa ttagctgggc gtactggcat gcacctgtag tcccagctgc 1740  
 ttgggaggct gaggcaggag aatcacttga acccgagagg tggaggttga agtgagccca 1800  
 gatcgtggcc attgcactcc aagccttggg acaagtggga acctcttccc cccaaaaaaa 1860  
 aaaaaaagtt t 1871

<210> 8337  
 <211> 1376

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1377)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (372)...(575)  
 <223> similar to gi2276353 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8337

cctctgtcgc	cccagggcaa	gcagggtttac	ccagctgaga	agaagtctgt	gtcgtctgagt	60
gagacgggtgt	ttcgtcatgt	tgaccaggct	ggtctcaaac	tcctgacctc	gagtgatcac	120
ctgccttggc	ctcccaaagt	ggtgggatta	cagaggaaaa	gatgctagaa	ccacaggaga	180
atggcgtgat	tgacctacca	gattatgagc	atgtagaaga	tgaaactttt	cctcctttcc	240
cacctccagc	ctctccagag	agacaagatg	gtgaaggaac	tgagcctgat	gaagagtcag	300
gaaatggagc	acctgttcct	gtacctccaa	agagaacagt	taaaagaaat	atacccaagc	360
tggatgctca	gagattaatt	tcagagagag	gacttccagc	cttaaggcat	gtatttgata	420
aggcaaaatt	caaaggtaaa	ggtcatgagg	ctgaagactt	gaagatgcta	atcagacaca	480
tggagcactg	ggcacatagg	ctattccccta	aactgcagtt	tgaggatttt	attgacagag	540
ttgaatacct	gggaagttaa	aaggaagtcc	agacctgttt	aaaacgaatt	cgacttgatc	600
tccctatttt	acatgaagat	tttgttagca	ataatgatga	agttgctggag	aataatgaac	660
atgatgtcac	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	720
ttgcttctga	gttaagtata	agcctaacag	aagagcaaca	acaaagaatt	gagagaaata	780
aacaactggc	cttggaaga	aggcaggcaa	agctgcctna	gtaatagtca	gacccttggg	840
aaatggatat	ggttaatgaa	ttacacccag	ggcacaccac	ggttgaagag	gttaatactg	900
atgaggatca	aaaggaggag	tcaaatggat	taaacgaaga	cattctggac	aatccatgta	960
atgatgctat	tgccaatact	ttaaatagaag	aggaaacact	gctggaccag	tcttttataaa	1020
atgtgcaaca	gcaacttgat	gctacatcca	gaaatattac	tgaagctaga	taagtttcca	1080
ttaagagaaa	atgtatctgt	taagtcacatg	tcctgcaagc	ttggcgttac	tatgtatttt	1140
ttcttcttgg	agtgaataatc	cttagatagt	aaaactgtta	tagattattg	tttaaaatct	1200
gataatctgg	tatttatatta	taattatgct	tgtcacttta	gttaaatcta	tttgttctct	1260
ttagtggttg	tttttatata	ggtatttctt	cataaaatga	ttaggaggta	ataagcagtt	1320
tctgctgctg	gtctgtcatt	gaatgccttg	ttttcactaa	gttgggaggt	ttgggtt	1376

<210> 8338  
 <211> 1464  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (72)...(1218)  
 <223> similar to gi3805813 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8338
ctccgagctt cttaaacaca ggccttgggc ctacggctct ggggggtactt gggggggcg 60
gggcaggtct gatgagtaac ccctccccc aggttccaga ggaagaagcc tccacatctg 120
tctgccggcc caagagttcc atggcctcca cttcccgcgc ccaacgccga gaacgtcgct 180
ttcgtcgta cttgtctgca ggacggctgg tccgggcca ggccctcctc cagcgacacc 240
caggcctcga tgtagatgct gggcagcccc caccactgca ccgggcctgt gcccgccacg 300
atgccccctgc cctgtgcctg ctgcttcggc tcggggctga ccctgcccac caggaccgcc 360
atggggacac ggcactgcat gctgctgccc gccagggccc agatgcctac accgatttct 420
tcctcccgtc gctaagccgc tgtccctccg ccatgggaat aaagaataag gatggggaga 480
cccctggcca aattttgggc tggggacccc cctgggattc tgctgaagag gaggaagaag 540
atgatgcctc caaggagcgg gaatggagac agaagctcca gggtgagctg gaggacgagt 600
ggcaggaagt catggggagg tttgaagggt atgcctcca tgaaaccag gaacctgagt 660
ccttctcagc ctggtcagat cgcctggccc gggaacatgc ccagaagtgc cagcagcagc 720
agcgagaagc agagggatcc tgtcgacccc cacgtgctga gggctccagc cagagctggc 780
gacagcagga ggaggagcag cggctcttca gggagcgagc ccgggccaa gaggaagagc 840
tgcgtgagag ccgagccagg agggcgagc aggtcttagg ggaccgagaa cccaagccaa 900
ccagggccgg gccccaggga gagcacccca gaggagcggg gaggggcagc ctctggcgat 960
ttggtgatgt gccctggccc tgccctgggg gaggggaccc agaggccatg gctgcagccc 1020
tggtggccag gggccccctc ttggaggaac agggggctct gaggaggtac ttgagggctc 1080
agcaggtccg ctggcaccct gaccgcttcc tgcagcgatt ccgaagccag attgagacct 1140
gggagctggg ccgtgtgatg ggagcagtga cagcccttcc tcaggccctg aatcgccatg 1200
cagaggccct caagtgacct tagggaagaa gcaagaaact tcggggctgc agcctcagga 1260
tgaggcagaa ggaagggtaa gggaaagat ggggaccaca aggaagagcc aggtgctgct 1320
cagcagagga tatgggtggg agcgaaagtt gtaacaagtg ggggtggggg gtgcgggccg 1380
ccaccactgc tccttgactc tgccgtttcc taataagacc tggttccaca tctcaaaaaa 1440
aaaaaataa agtcatttaa ccac 1464

```

```

<210> 8339
<211> 2648
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (123)...(1544)
<223> similar to gi3687833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8339
cggtcgacga tttcgtggcc cgggtccctg aggcctgaga gaggcgaagt ggggcccttc 60
tgggcggggc accagactga ctcccgcgcc acttgctcgc gcaggacgag gcggtggcgc 120
gcgatgtgca gcggttgcta gtgcagttcc aggatgaggg cgggcagctg ctgggttccc 180
cgttcgacgt gcccgctggac ataccccgg acaggctgca gctcgtgtgc aacgcgctac 240
tgccccagga ggatcccctg ccactggctt tctttgtcca cgatgctgag atcgtctcct 300
cactggggaa gacgttggag tcccaggcag tggagacaga gaaggtccta gacatcatct 360
accagccaca ggctatcttc agagtccggg ctgtgactcg ctgcaccagc tccttgaggg 420
gtcacagtga ggcagtcatt tctgtggcct tcagccctac gggaaagtac ctggccagtg 480

```

gctctggaga	caccaccgtg	cgcttctggg	atctcagcac	agagacacca	catttcacat	540
gcaagggaca	cagacactgg	gtccttagta	tatcctgggc	tccagatggc	aagaagctgg	600
cctcaggctg	caagaatggc	cagattctcc	tctgggaccc	aagcacaggg	aagcaggtgg	660
gcaggacctt	cgctggccac	agcaagtgga	tcacaggcct	gagctgggag	cccctccatg	720
cgaaccctga	gtgccgctat	gtggccagca	gctccaagga	tggcagtgtg	cggatctggg	780
acacaactgc	aggccgctgt	gagcgcattc	tcaccgggca	caccagtcg	gtcacctgtc	840
tccggtgggg	aggggacggg	cttctctact	ctgcctccca	ggaccgcacc	atcaaagtct	900
ggagagctca	tgacggtgtg	ctgtgccgga	ctctgcaagg	ccacggccac	tgggtgaaca	960
ccatggccct	cagcaactgac	tatgccctgc	gcactggggc	ctttgaacct	gctgaggcct	1020
cagttaatcc	ccaagacctc	caaggatcct	tgcaggagtt	gaaggagagg	gctctgagcc	1080
gatacaacct	cgtgcggggc	caggggtccag	agaggctggt	gtctggctcc	gacgacttca	1140
ccttattcct	gtgggtcccca	gcagaggaca	aaaagcctct	cactcggatg	acaggacacc	1200
aagctctcat	caaccaggtg	ctcttctctc	ctgactcccg	catcgtggct	agtgcctcct	1260
ttgacaagtc	catcaagctg	tgggatggca	ggacgggcaa	gtacctggct	tccttacgcg	1320
gccacgtggc	tgccgtgtac	cagattgcgt	ggtcagctga	cagtcggctc	ctgggtcagcg	1380
gcagcagtg	cagcacactg	aaggtgtggg	atgtgaaggc	ccagaagctg	gccatggacc	1440
tgcccggcca	cgcggatgag	gtatatgtcg	ttgactggag	tccagatggc	cagagagtgg	1500
caagtgtgtg	gaaggacaaa	tgccctccga	tatggaggag	atgacacggc	ccgaagttct	1560
ctctgacccc	cacctcgact	cggcctctgc	cagctcgctt	ccctgccaga	gaacaacctc	1620
tgagatggca	gtgcacacac	cctccccacc	agtggggacc	tgagaatgcg	tgtggcctgc	1680
tgtcctcgat	agaccggaat	ggggttttcc	cacagatccc	cgctgtggc	acaccccaga	1740
gccagaaatc	gaaggtcaca	ggaagttgtc	actgaacttg	gcccgtgtct	gtactctgt	1800
accttgctgg	tacagacagg	ggtggtgggc	agccaggctc	tatgagtggg	cccctagtgt	1860
cagctctgta	cagggtcaga	tcccaggttc	tatgaccaa	taagtaactt	aagttttgtg	1920
tgttggttcc	taattccttg	tctagaatc	cccatgactc	aatcaaggac	tgtgctaaat	1980
gagattgtcc	agcccccgcc	cttgcaactg	actacgccaa	aaccacactg	accaggcact	2040
tgcttccctt	ctcttccccc	gtgttggtaa	gagagaggcc	agtttgtgata	gtggccaagg	2100
agaatctagg	gctgtattgt	tgtccactgc	agtaggcacc	ggccacatgt	gactgctggc	2160
atgaaaataga	agtgcagttc	ctccatcgca	ctgggtaagg	cctccagtat	tggacagcac	2220
acagaaaggt	tttcatcatc	aagagagttc	tgcttggtca	ggcctggttc	cagggggatt	2280
gccctctgcc	ttcgcatagc	acactgcctt	gaaggccctg	cccaggcacc	aagcactgcc	2340
ctgggcccat	gggatagagc	ggggaaggtg	atggctcttc	cagaggattc	cctcagatgg	2400
ggaggcagca	gtatgagctc	tgagcagaag	tgggtattgt	tgatacagag	gaagttcttt	2460
gccacagaaa	ctttcaagca	gtgaaaggaa	ttccatcag	gactcagacc	ccaggccgag	2520
atcttgccct	gaatgtaccc	tgcctctgct	ttctcctgca	tcccatgcta	agcagggtca	2580
tggctctgaac	tactcagatt	ggatttccaa	accatccttg	tataaactgc	tcagaactaa	2640
aaaaaaaa						2648

<400> 8340



```

ccggagcccc aggcgctggt ggggcagaaa cgcggcgccc tgcgtcttct ggttgcgagg      60
ctggtcctca ccgtttccgc tccggcgga gtaggagga gggtccttcg acccgtgctg      120
agctggatgg accgcgagac gcgcgccttc gccacagcc acttccgagg cctgggggtc      180
gatgtccccg gcgtcgcca ggctccgggc cgggtagcct tcgtctcga gccgggcgcc      240
ttctcctacg ccgactttgt gcggggcttc ttgctgcca acctgccctg cgtgttttcc      300
agcgccttca cgcagggtcg gggcagccgg cggcgctggg tgacgcccgc ggggaggccc      360
gacttcgacc acctgctacg gacctacgga gacgtggttg taccagttgc aaactgtggg      420
gtccaggaat acaactcgaa ccccaaagag cacatgactc tcagagacta catcacctac      480
tggaagagt acatacaggc gggctactcc tctcccaggg gctgtctcta cctcaaagac      540
tggcacttgt gcagggactt tccggtggag gacgttttca ccctgcctgt gtactttctc      600
tccgactggc tgaatgagtt ctgggatgca ctggatgtgg atgactaccg ctttgtctac      660
gcggggcctg cgggcagctg gtccccgttc catgctgaca tcttccgctc cttcagctgg      720
tctgtcaatg tctgtgggag gaagaagtgg ctctcttcc ccccagggca ggaagaggcc      780
ctgcgggacc gccacggcaa cctgccctac gacgtgacct cccagcact ctgcgacaca      840
cacctgcacc cacggaacca gcttgctggc ccaccttggt agatcacgca ggaagcgggc      900
gagatggtgt ttgtgcccag tggctggcac caccaggtgc acaacctggt aatgtgctgc      960
ttctcctgcc ccctatcagg ggccttcctg caggaagacg gcagcaccac ctccccactc     1020
tcccagccag agctgggctg gaatggggtg gctcatgggt gaggctgacc cttcacaag     1080
gtggtgtcgc tgaggcctag cctctgtttc accactgcc ggtccctggg tctacttgct     1140
ctgggttcac tgtggcctga ggtggtccga gccgcgccac cacttccctg ctgagcaagc     1200
cctgctggga gacaggaggg ccctcttggt tgcagagggc tggacccac agtgggttcc     1260
tggcgagga gatgtgggtt ggtcaggggg cacctgccat gggctcaggc ctgcctgcac     1320
tgtgcccctt ccaggatgac accatctcca tcaaccacaa ctgggtcaat ggcttcaacc     1380
tggccaacat gtggcgcttc ttgcagcagg agctatgcgc cgtgcaggag gaggtcagcg     1440
agtggaggga ctccatgccc gactggcacc accactgcca ggtggggtgg ctacgcatgg     1500
aggctaccct cctgggggag gcttttaggc tgcattggct agactccctt ggtcaccgcg     1560
cagcttctca gtgcctctgt cttaattggt ccttcttcgt ccttggggac tgggcacatg     1620
tcgggtcctt tgcagcttgg actgtgtcca tgggtgttag tcaacttga agagtgttac cttccctctg     1680
cccaggtcat ctgaggttcc tgctcgggca tcaacttga agagtgttac cacttctca     1740
aggtcatcgc tgagaagagg ctctgtgtcc tgaggggagg agccgctgag gacggtgctg     1800
ggttgggttt cgaacaggca gcctttgatg ttgggcgcat cacagaggtg ctggcctcct     1860
tggttgcgca                                     1870

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<210> 8341
<211> 1221
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1002)...(537)
<223> similar to gi4929266 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8341
ttccttctgc atagcgtttt atggttcttc actctctcag tttcaggcag gaagactcat      60
cctgagctga gctgcttttc ttgaagttgt gcaagaacgt cctgtttggct ggggcaaatt     120
cagtatttct tttcctggcc actgtgctgg agcgtgagga aagactctcc accctcactc     180
ccagatcctg caggaggcgt gagagcggat ggagatggtg aggatgtcta ttaatatggt     240
gtttcctgca aaacggtgcc catctcaacc atgggttgtc aaccatcctc ggtgtctaca     300

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actgcaattt	acctttgagg	gcccatgaac	tctgattacc	tgaaagtcct	taggccagaa	360
agagaaaccc	ctgtccccc	cctctcactt	tcacctat	ctagaccttt	tcttacagca	420
atgccttggc	cctcaggaag	catcagatct	caaactgcag	ggtctggggc	tgaagctgat	480
gctggcatgg	gtgactcaga	gttcctctat	tagttcaa	atgtaatatc	ttttagagcc	540
taggactcag	gctggaggca	attccttggg	gccagttggg	taatacttta	tgaatagtgg	600
tgggggagg	aatgccttgg	actattaatg	tcccatgga	tctggatcct	ggagaacttc	660
cagtgtcctg	gatggaatgt	tctgcttggc	tcactctgcc	cagagaagag	ccaggatatg	720
agaagatggg	agagggaagg	gggaggtgtg	aaacgtgctg	gtgcttcctg	tcctcgtggg	780
gtgatggctg	cccaggctgc	tccttcgagg	caggacagga	ttcccatggg	agatatgagg	840
accatgggtg	ttccagga	ccagttatgt	cccagagcat	cgtgtgcctg	tgcatgtggg	900
ttactgatag	tccaggcatc	agttcatatt	gtcctttatg	gcagatcctg	cacaaggggg	960
ttctctgtct	ctggacccac	tctgtcagca	tggacatcct	tttctttttt	ccctgagcag	1020
gggcaccagt	gccaggcaga	gaagagagta	accagcatca	ggagcagcga	gacaggcacc	1080
accaccagca	gcacatcttt	gtaggaggcc	ttccctgggtg	ctgcctcatg	atgacagcta	1140
tcccagggcg	tgactgtggc	caagtcccag	ctgacagggt	tggagacaat	gcaggaatag	1200
gccacatctc	tgtctccggt	a				1221

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<210> 8342
<211> 5207
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (174)...(3686)
<223> similar to gi31422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8342						
ccggatgtcc	agttcgaccc	acgcgtccgg	cctgttgcc	ctgtgagaaa	gtaccactgt	60
aagatgtctt	tggcatgac	attttcctct	ttcacccctgt	ctaggttgcc	agcaaataccc	120
acgggcctcc	tgacgtgcc	cctggggcca	cagggtccctc	gagtgtctgga	aggatgaagg	180
attcctgcat	cactgtgatg	gccatggcgc	tgtgtgtctgg	gttctttttt	ttcgcgccgg	240
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<210> 8344  
 <211> 4120  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (252)...(1897)  
 <223> similar to gi3327192 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 8345  
 <211> 797  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (780)...(283)  
 <223> similar to gi2546964 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 ttcgggcaat atacttcac ctaacccatcc caccctaaatc ttactctact catctcattc 180  
 tcattaattt tgggaaatca tcagaagatg tggttcgttg gtaagagatt aaaaagaaat 240  
 aagctttttg acccctggcc aacaccccat gccaggggtg gtcaccctcc aatacaataa 300  
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 tccagtctct ttccattgca agtcacaatc tgggtctcag ggattataacc cgtcttagtc 420  
 tcgatcattg ctttcacttg tgccactgag ctggaccttc gcacctggag gaggtgcctc 480  
 tttgcctcat cacctgactc cacaagaaac aagggcagct cctcatcact gggcttcacc 540  
 actttcaggg taaggtggat ggtcttctct ttgtcaatgc cataagatga gaggtctctc 600  
 cgtggcttta agatcttgga gccagcaaaa agaacctggt cctgcacagg aaccttggtc 660  
 ttagaccgga catgttcttt gatttttttc acgctgtcat atgggttggc atcaaaggtc 720  
 attaaatccc attcctcgga acggacatgc acacagaggc aggaagcatt gggagccatc 780  
 tctgcagaca aggggcc 797

<210> 8346  
 <211> 1845  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (113)...(1313)  
 <223> similar to gi5457171 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 cttactgggc ctgctactcc tggggcacct aacagtggac acttatggcc gtcccatcct 180  
 ggaagtgcc gagagtgtaa caggaccttg gaaaggggat gtgaatcttc cctgcacctc 240  
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 taaccaggaa cccatcaaag tagcaacct aagtacctta ctcttcaagc ctgcggtgat 720  
 agccgactca ggctcctatt tctgcaactgc caagggccag gttggctctg agcagcacag 780  
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taccagaggg	aagatgccca	tagcactagg	acttggtcac	catgcctaca	gacactattc	1620
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ccagctatat	caggatcatc	ttctctttct	ctaggggccag	acagctttta	attgaaattg	1740
ttatttcaca	ggccagggtt	cagttctgct	ctccactact	aagtctaattg	ttctgactct	1800
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<210> 8347

<212> DNA

 $\langle 220 \rangle$ 

<221> misc feature

$$\langle 222 \rangle \quad (467)^{-} \dots (1478)$$

<223> similar to gi3875131 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

<400> 8347

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cctcggggtg	ggagtaggtt	gtggagcagc	acaactgggc	tcaccccaaa	gcagaacttc	240
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gcggcttcc	tgcggagagc	acaagtgagc	tactgccctt	ggactccagg	gaatcagagt	360
tctggccgcg	gggtgaccca	gtcctctg	taccatgaat	agggccctc	tgaagcgggc	420
cacgatcctg	cacatggcgc	tgaccggggc	ctcagacccc	tctgcagagg	cagaggccaa	480
cggggacaag	ccctttctgc	tggcggcatt	gcagatcgcg	ctgggtgtct	ccctctactg	540
ggtcacctcc	atctccatgg	tgttccctaa	taagtacctg	ctggacagcc	cctccctgcg	600
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tcctggcctc accgccttat cctattcctc tgccttgccc tgtgtcttgt ctgagagccc 180

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ttgtgagaaa	gtgctacca	tctatacacc	ctgtatgtcc	agcttttgaa	cacaagggaa	2160
ccatgcttct	ctttagaggt	ttaaagcagg	gtcatttaac	atcctcccc	agtcctaac	2220
atcacattgt	cctgcgtg					2238

<210> 8348

<211> 1659

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1660)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (619)...(1606)

<223> similar to gi2342743 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8348

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gtcagtccca	cgatgacgat	ggtcagccag	agtattgata	acctcttaga	atcatccaga	180
aacaagtcac	tcttcatctg	tccagcaaag	gcctgtcag	cgtagaggcc	tcagaacgtg	240
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ccggcaggtg	tggggctcgg	gctcccagcc	accttgtctc	gggacatccg	gaagagaaag	360
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gttggcctgg	tgtccagcgt	ggttgtctat	cccgtctacc	tggccatcct	ctttctcttc	600
cgatgtccc	ggagcaaggt	tatcaatact	ctggtgacc	atcgtcacgc	tgggactgac	660
tttgggtgaa	gtccttggtt	acttatcatt	actgtgtttc	tgagaagtta	taaatttgcc	720
atctccctct	gcacaagtta	cctttgtgtg	tctttcctga	agactatctt	cccgtctcaa	780
aatggacatg	atggatccac	ggatgtacag	cagagagcca	ggaggtccaa	ccgccgtaga	840
caggaaggaa	ttaaaattgt	cctggaagac	atctttactt	tatggagaca	ggtggaaacc	900



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atctgaccag	accacaatga	aaagtataaa	attagaaact	ttaaattcca	agctaaattt	3360
catgntcagc	tttgacccac	cttaactcca	gtgaataggt	ggcagctcag	aaacaaggac	3420
agcactgctg	cttgccagag	caagcttcac	atccagctgg	gcacttcgtg	agagctcctt	3480
cctgccgggc	acgtgtgagt	tcagcgtggg	caagagactt	ttatgcacat	tctgtcatte	3540
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caataataaa	agcttatagt	ttgagtaga				3629

<210> 8350

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (462)...(586)

<223> similar to gi65183 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 8350
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aaacccgttc actgggtgat tctgaagcta gaagggcagc cgaatggcct tccccccgtc      180
ctgcccctcg tccactgtaa gctcaggggg gagcgggacc cagggagggtg aagtgcacag      240
actcggcaga ggcggcgggc agaaccgcgg gggtagagag gcgcgggtggc tgtggggcgg      300
gagccgctgc tgaaaggagg cctgggttgt tgggagggtg actgtccgtg gaatctttgg      360
cggagggtgg tttggaagaa tggcgagggg agagcagagg agaagggtgt gaccctgatc      420
gtccgccagg ggagagtagg ctgtgctgtc cctcctctcc ccttatgtgg cgggggacat      480
acagtgttca ggaagggggt tctccccgga ggaggctagt ccaccacact tcggctccgc      540
tgacccttgc gattttctca catgcggggc cctcgtccgc ggtggtgttt gcgctatccg      600
gcggctgggt tcgcgcactc actctcctga catgccttgg ctcaccgccg acgcggatat      660
cgccgccagg gacccttccc gccctcctac aaatcttgag tgcgcttcct tgggtgttctc      720
a                                                                    721

```

```

<210> 8351
<211> 2008
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2009)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (335)...(1572)
<223> similar to gi5360095 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8351
cggaatttcc gggtcgacga tttcgtcccc gtaccgcgag cggctctgat tcatggttta      60
acttgtggcc ctaaagaact ggaaacccaa aggaacgaat attcctgccc cacagagtcc      120
cgtcttttgt gaggtgttt ctggagttaa catgatgacc aaggtagtag gcatggcccc      180
agttctgggc ctaggcctc cacaggagca agtggggcct ctgatggtaa aagtcgagga      240
gaaagaagag aaaggcaagt accttcctag cctggagatg ttccgccagc gcttcaggca      300
gtttgggtac catgataccc ctggaccccc agaggccctg agccaactcc ggggtgctctg      360
ctgtgagtgg ctgaggcccc agatccacac caaggagcag atcctggagc tactggtgct      420
ggagcagttc ctgaccatcc tgccccagga gctccaggcc tgggtgcagg agcattgccc      480
ggagagcgct gaagagggtg tcaactctct cgaagatctg gagcggaac tggatgagcc      540
aggacaccag gtctcaactc ctccaaacga acagaaaccg gtgtgggaga agatatcctc      600
ctcagggaact gcaaagggaat ccccgagcag catgcagcca cagcccttgg agaccagtca      660
caaatacgag tcttgggggc ccctgtacat ccaagagtct ggtgaggagc aggagttcgc      720
tcaagatcca agaaagggtc gagattgcag attgagtacc cagcacgagg aatcagcaga      780
tgagcagaaa ggttctgaag cagaggggct caaaggggat ataatttctg tgattatcgc      840

```

```

caataaacct gaggccagct tagagaggca gtgcgtaaac cttgaaaatg aaaaaggaac 900
aaaacccccct cttcaagagg caggctccaa gaaaggtaga gaatcagttc ctactaaacc 960
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aaagaccttc tgtagcaagt ccaatctttc caaacatcag cgagtcacac ctggagaggg 1560
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cacacttagg gtcccaggac atggccatag ggtgagtcgt tcccactgg gccactgag 1860
atggatttgg gccaggactc catttatcag ctgacctgtg tctggagggc aatggntcat 1920
cactctgcta tcttctcctg gagtttacac aagcccttca gagtgtaaac accgatgtgg 1980
attcaatccc actttcggag agaggatc 2008

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```

<210> 8352
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (73)...(554)
<223> similar to gi4200249 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8352
ggaagagccg tcaacttagc gagcgcaaca ggctgccgct gaggagctgg agctggtggg 60
gactgggccg caatggacaa gctgaagaag gtgctgagcg ggcaggacac ggaggaccgg 120
agcggcctgt ccgaggttgt tgaggcatct tcattaagct ggagtaccag gataaaaggc 180
ttcattgcgt gttttgctat aggaattctc tgctcactgc tgggtactgt tctgctgtgg 240
gtgcccagga agggactaca cctcttcgca gtgttttata cctttggtaa tatcgcatca 300
attgggagta ccatcttcct catgggacca gtgaaacagc tgaagcgaat gtttgagcct 360
actcgtttga ttgcaactat catggtgctg ttgtgttttg cacttaccct gtgttctgcc 420
ttttggtggc ataacaaggg acttgcaact atcttctgca ttttgagtc tttggcattg 480
acgtggtaca gccttttcct cataccattt gcaagggatg ctgtgaagaa gtgttttgcc 540
gtgtgtcttg cataattcat ggccagtttt atgaagcttt ggaaggcact atggacagaa 600
gctggtggac agttttgtaa ctatcttcga aacctctgtc ttacagacat gtgcctttta 660
tcttgagca atgtgttgct tgtgattcga acatttgagg gttacttttg gaagcaacaa 720
tacattctcg aacctgaatg tcagtagcac aggatgagaa gtgggttctg tatcttgtgg 780
agtggaatct tcctcatgta cctgtttcct ctctggatgt tgteccactg aattcccatg 840
aatacaaacc tattcagcaa cagcacataa gccttggtg caagtgattc ccagggtggc 900
aaaggcagcc ccacagaga tcacgggagc aacagtaagg gacagagttt tggggtccac 960
ttgtccctca gcatggaagc catcaccgtg gtcctgcata gagtgagtct acttctactc 1020

```

tggcatctga	gaacaagtga	ctctgcttta	gacaagcccc	tggagagcct	ggccatggag	1080
tgaggtagaa	aagaagcact	ttttggtggt	atatgctggt	tctgaatttg	aatctaagca	1140
ttcttggtgt	tctgattctg	cgctgactg	tggaaatgtat	tttctgacat	taggtgcaga	1200
ctctttttct	cttggtgttt	atttcccatc	cctccctccc	tctccctgca	tatctttctt	1260
tatgacctcc	tggcactaga	tggggaaaga	acagagcagc	agcagcagaa	aatgctgctg	1320
ttttttttgg	aca					1333

```

<210> 8353
<211> 1209
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (261)...(477)
<223> similar to gil63086 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8353						
tttcgtggac	tagtccctgg	gctgcagccg	ctgctacaca	tactcacaac	gctgccgccg	60
cgctccgtgg	gcaactccta	ctactgctgg	gctgggctgg	gctgggctgg	gctgcgccgg	120
agctcgcctg	cacagatcag	ctccggagag	gggaaaacca	cgctcctcgg	accaagcctc	180
gggagctaag	ccagatctgc	cagtgcagcct	caggcttttag	gaactgaaga	gtgtttctga	240
aagatctatc	cagcactccg	atggccagca	acaacaccgc	cagcatagca	caagccagga	300
agctggtaga	gcagcttaag	atggaagcca	atatcgacag	gataaagggtg	tccaaggcag	360
ctgcagattt	gatggcctac	tgtgaagcac	atgccaagga	agacccccctc	ctgaccccctg	420
ttccggcttc	agaaaacccg	tttagggaga	agaagttttt	ctgtgccatc	ctttaagtct	480
ttgagagggg	cctgaagagc	ctccgggctc	ctgggacatt	gatgtagagt	ttttagttaa	540
gtggggacct	ttctagtccc	cgggcatttg	aaaagagcga	ggagaaccat	tctggaaact	600
ttaggctatg	catgtttaaa	gatctggtcc	cctttatgag	aatgcaagcc	gatccccatc	660
ctgacttaag	agatctgatt	ctgacgaact	gcctggagga	ggggaatata	taaaaataaa	720
attggtgtca	cttctttttt	gctatcccc	agcccccccc	ccccaaaatc	ctcatgtttc	780
tgcttcatat	tttgaaaaat	aacaattaaa	acagacagct	gtactgaggt	aagatatgtg	840
tgaccttctt	ggaatgaata	ttgtcttttag	aatacccttt	gataagctga	gctgtcccgt	900
gtagatgcaa	ttcgggttaa	tggcattgat	gtatagtcac	tgtgcctttc	tttttctttc	960
ttccttctcc	tctacccctc	cttccacccc	tccccattag	agtagtgtgg	agataaggct	1020
ggactggtct	atcagattga	actccaagaa	tgatcacaca	aaatgttttag	ggagatgttc	1080
cccgtggtgt	atcctcatgg	taacaacgac	aaaaaatgcc	ggttgtcttt	gttctctttt	1140
cactattcct	aacatgggta	catgatagct	ttgattctgc	aagtaaaagt	aaatcctgtg	1200
ttgtgaaaa						1209

```

<210> 8354
<211> 1699
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (20)...(1398)  
 <223> similar to gi5714737 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8354

gctgcggggcc	ggtgaagata	tggcggcgctc	tgcgtctgca	gctgcagggg	aggaggactg	60
ggtccttccc	tctgaagttg	aagtattgga	gtccatctat	ctagatgaac	tacaggtgat	120
taaaggaaat	ggcagaactt	caccatggga	gatctacatc	actttgcatc	ctgccactgc	180
agaggaccag	gattcacagt	atgtctgctt	cactctgggtg	cttcagggtcc	cagcagagta	240
tccccatgag	gtgccacaga	tctctatccg	aaatccccga	ggactttcag	atgaacagat	300
ccacacgata	ttacaggtgc	tgggccacgt	ggccaaggct	gggctgggca	ctgccatgct	360
gtatgaactc	attgagaaa	ggaaggaaat	tctcacagat	aacaacatcc	ctcatggcca	420
gtgtgtcatc	tgcctctatg	gtttccaggga	gaaggaggcc	tttaccaaaa	caccctgtta	480
ccactacttc	cactgccact	gccttgctcg	gtacatccag	cacatggagc	aagagctgaa	540
ggcacaagga	caggagcagg	aacaggaacg	gcagcatgct	acaaccaaac	agaaggcagt	600
cgggtgtgcag	tgtccagtgt	gcagagagcc	cctcgtgtat	gatcttgccct	cactgaaagc	660
agcccctgaa	ccccaacagc	ccatggagct	gtaccagccc	agtgcagaga	gcttgcgcca	720
gcaagaagaa	cgcaagcggc	tctaccagag	gcagcaggag	cgggggggaa	tcattgacct	780
tgaggctgag	cgaaaccgat	acttcatcag	ccttcagcag	cctcctgccc	ctgcggaacc	840
tgagtcagct	gtagatgtct	ccaaaggatc	ccaaccaccc	agcacccttg	cagcagaact	900
atccacctca	ccagccgtcc	aatccacttt	gccacctcct	ctgcctgtgg	cgaccacagca	960
catatgtgag	aagattccag	ggaccaggtc	aaatcagcaa	aggttgggcg	aaaccagaa	1020
agctatgcta	gatcccccca	agcccagtcg	aggtccttgg	cgacagcccg	aacggaggca	1080
cccaaaggga	ggggagtgcc	acgcccctaa	aggtaaccgt	gacacccagg	aactgccacc	1140
tcttgagggg	cccctcaagg	agcccatgga	cctaaagcca	gaaccccata	gccaaggagt	1200
tgaaggctct	ccacaagaga	aggggcctgg	cagctggcag	gggccccac	cccgcaggac	1260
tcgggactgt	gttcgctggg	agcgctctaa	aggccggaca	cccggttctt	cctaccctcg	1320
cctgcctcgg	ggccagggag	cataccggcc	tgggtactcg	agggagtccc	tgggcctgga	1380
atctaaggat	ggttcctagc	aggacttggt	ggggggaaca	gggaattggg	gatgggaggg	1440
aggcaataaa	gatatttggc	cttctttggc	tttctttgct	tagcagcgcc	tagcctgtga	1500
ggaatggctc	tttttctcaa	ttcctaataa	gattgggggtg	tggcagagca	gcccccaact	1560
ttgctctgaa	gtctgtttctc	cgaagagctg	ggtaaagagg	gtctgacatc	tcatacagcta	1620
gtatagttag	tttcagggaa	aactattggg	atgtctgcat	gtaagcagag	tccttaggac	1680
ccaccgttaa	caactcatt					1699

<210> 8355  
 <211> 1545  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1279)...(718)  
 <223> similar to gi33969 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters





gacaagaatg	tgcgtcgtcg	ctttcgggca	agtaactacc	agagcaccac	ccgggtcaaa	600
cccttcatct	gcaccatgcc	catgcggctg	gatgacggct	ggaaccagat	tcagttcaac	660
ttgctagact	tcacacggcg	agcatacggc	accaattaca	tcgagaccct	cagagtgcag	720
atccatgcaa	attgtcgcat	ccgacgggtt	tacttctcag	acagactcta	ctcagaagat	780
gagctgccgg	cagagttcaa	actgtatctc	ccagttcaga	acaaggcaaa	gcaataactg	840
gaattgtgac	tcgagggata	gacccctgga	tgtgactctt	ctttttaaaa	ggaaactatg	900
tggaggacga	tgcaaaaaca	tatttatctt	agtttgctct	gcctgtagtt	ctgttattta	960
tacttggtgt	tgcttgtca	tggacaccgg	tgaacatgcc	cgtaactctg	tgactgccat	1020
tgtaatgtcc	agtgggggta	agccagtcct	gtgagtggcg	catgaaacgc	tggagcttat	1080
tccgccgcc	tgccccccag	tgtgggggga	gatacctttt	accatgaact	tacagaatta	1140
aagatggccc	ataaaggaat	tcccagaacc	aatatttctt	cctgcgggtt	tattctatgt	1200
tttatatatt	atctaaatat	atgtatatgc	tgtgtcatat	tcataatcgt	ggaaatgaat	1260
aaaagtgaat	atattcctgg	tttgtaaaaa	aaaaa			1295

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<210> 8357
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(374)
<223> similar to gi4191358 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8357						
tctgcctctg	accctccttc	tcgctgctcc	ctttgcccac	ctgctcctcc	cacctggcca	60
tgaccaaagc	ccgtgctggc	accctggccc	agctctgagt	cctgggaccc	tcggtcctct	120
ctcctggggc	atggccaact	caggcctcca	gctcctgggc	tacttcttgg	ccctgggtgg	180
ctgggtgggc	atcattgcta	gcacagccct	gccacagtgg	aagcagtcct	cctacgcagg	240
cgacgccagc	atccagctga	ggtccaaggt	ctttgtccta	gaatcagagt	ggggagggga	300
cagcctgggg	ctgcccagag	actgtgggtg	gagctgcctg	ctgcaactcag	cagtgcggtc	360
agagaagggc	ttttggtctt	gaagtccagg	taccatcccc	ccttagcata	cagggggaag	420
ggcctgagag	gaatgtaagg	aaaccagccc	agatcagtcc	caaggccaga	gtcctttgtc	480
ctacatctcc	ctgaaccaga	gtgtgccctg	cccctcatgc	tcagacctct	cccaccccaa	540
accctctccc	gggactcagt	ctccctggcc	actgcgtatc	aggcttcttg	ggaaagcatc	600
catcacagaa	cctccccttc	cctgccacgc	accttccttg	gccagctcca	ttctggcctc	660
ctccaccacc	tgcttgtgta	ccacatctcc	caccacgtcc	ccagatctca	agaacgcagc	720
tcagcttctc	cttcgagctt	gactcttaag	agggaaaagt	gacggaaacc	aattcagatg	780
aag						783

```

<210> 8358
<211> 1325
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1111)...(761)  
 <223> similar to gi2911066 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8358

cgtccaaagg	agttttattg	gggagagcca	cgagggtttt	ccgatccagc	ccggttaaaa	60
ccccgcccc	gtatttgttt	tggtgggccc	ccttttaaaa	atatttacgt	cgcactcccc	120
cggtttgtta	actgttctcc	ctatagccgg	cccccccttt	tttttttttg	agacagggcc	180
tactctgtc	accaggtctg	gagtggaaatg	gcctgatcac	cgctccactg	cagcctaaat	240
cccctgggct	caagtgatcc	tcccacctca	gtctcccgag	tagctgggac	tacaggcact	300
taccaccact	ccacgcta	ttttactgtt	tttatagaga	cgagggtctcg	ccatgttgcc	360
caggatggtc	ttaagctcct	ggcctcaagt	gatcctccca	tcttggtctc	ccaaagtgt	420
aggattacag	gtgtgagcca	cctgtagacc	ccagatctgt	cccccaagga	caactcaacat	480
gctggggcct	gtgttatcga	tttattgcag	ctccaatatg	agtccactcc	tactcaaacc	540
ctgattctca	ggggcctggg	gaaggccacc	ccactagggg	ccctgtcccc	accagagcct	600
ggacatggga	ctctctccca	agcaggggtg	ttgtccttca	caggggcttc	cacgtctctc	660
ccgggcctgt	ccgcactctg	ggcaggggtg	gcacctggct	attccctcaa	tctggggcct	720
ggggccatgg	caatgtggaa	tggtccagggt	gttcatgtca	gtggggcttg	gggacatggc	780
catccacgta	gaagttcctg	gtgatcttgg	gcagggtgaa	ttccgctcct	tccagctccg	840
gtgtcagcac	aatctggcag	cccagccgcg	agttctcctg	gaggaggggg	gccatgtcta	900
gcatgtcgtc	ttccctctcc	tcgggaggag	gcaggagatc	cagggtggtct	tactcacat	960
acacatggca	ggtggagcag	gccagggagg	cttcacaggc	cccttccagg	tccaccccg	1020
ggcgctgggc	cagggtgaaga	acattgtccc	cgactctgcc	actcactggg	atccgctggc	1080
ctgagcggtc	tacgaacacc	acgttcacca	cgtccccggg	ccgctccggg	ccgcccgcgt	1140
cctcctctcc	agccgggcgc	gagcctgtcg	cttgaaactt	tctggttgtc	cccagcgcca	1200
ccccctcccc	cgaccgggaa	gtgccccag	gtctgttcca	ccagggtgcc	ctggcagcct	1260
gcagcagaac	cctggcactc	acgcctcccc	gggccaatgga	ggcggccatg	acatgcatca	1320
cgtga						1325

<210> 8359  
 <211> 867  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (765)...(90)  
 <223> similar to gi3550427 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8359

tttttttttt	ttccaaatac	tgttttacttc	actaaaacct	ggagtgaggc	agggaaaagg	60
tacatcaatg	tctgagacac	caagcctagg	agtgcacatt	gacaacggcg	acatacaggg	120
ccaaagtgtc	gagggccagc	agccccgtta	ccactgctcg	ggccagtaga	gctgccaac	180
tgcccagcga	gcagagggtg	acgaagggtc	ccataacaaa	ggccttgtag	acactgagga	240

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acatcagcag gaggacagct ggccggaagg tgtggtacag atcatagcgt gttatcatcc 300
agacctgagc agacgcgacg atgtaatgga ccagactgat gttggagtct atgctcatct 360
ggatgtactt ccagtcaaac tcaatgcccc gggctccgac ccatagggga atgcagcggg 420
acataataag ctccagcagtg gccagcccca gggcagcaac catgatcttg tactctccct 480
tgccggcatt ccgggacatg acaaggttta gacctatcag gtctgccaca tccacgctgg 540
ccttcatgaa ctccccaatg aagtcataga tgccgccttc ccaggtggga aagaaagtgg 600
ccaagaacag catcttgacg agttggacaa agaggtaggt gactccagcc tggacgcatt 660
tccagaaggc gttgtactcg gacaggccgc tgcaattgta ggtgatgaag taggggaagt 720
aggcaagagc gaagcagttc ccgaagtga acagggtcat gatgccggcc gcccggtccc 780
gcccgcgcgg ggatcgcgag gcggcgtctc cgggagcggg tctccggctc cgcggctct 840
ttcgccacgg ccagggcctg gcaccca

```

```

<210> 8360
<211> 2645
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2646)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (447)...(1139)
<223> similar to gi407421 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8360
tttttttttt ttgactgaac taagtggctt ttttattaga gaaagccaga attacaaaag 60
acttaagagt tggcattggg gcccttcttc ttgcaaagg tgggcacaac gttgacaaag 120
cgccggttgt actgcatccg ccgcttagcc cgacctgtct tcttcttctt cttctcctgt 180
ttggccacct taggagtctg acctctcact tttccagcac gggccaggga accatggact 240
ttacctcaa gcatgcggcc tgctacttcc agggtagtca gggcctccac cccgcactgg 300
cccagagtgg cctcatcctc caggggcgcg cctgccagga gcacgacttg atcttccggg 360
gcaatgccct ccagtgagcc tacatgagcc ttgatctggg cgaccgtttc ctggccgggtg 420
ctggaaaagt gacaggtcgg gctaagcggc ggatgcagta caaccggcgc tttgtcaacg 480
ttgtgcccac ctttggcaag aagaagggca ccacgttcac caagatcttc gtgggcggcc 540
tgccgtacca cactaccgac gcctcgctca ggaagtactt cgagggttcc ggcgacatcg 600
aggaggccgt ggtcatcacc gaccgccaga cgggcaagtc ccgcggctac ggcttcgtga 660
ccatggccga ccgggcggca gctgagaggg cttgcaaaga cccgaacccc atcatcgacg 720
gccgcaaggc caacgtgaac ctggcatatc tgggcgcaa gccgcggagc ctccagacgg 780
gctttgccat tggggtgcag cagctgcacc ccaccttgat ccagcggact tacgggctga 840
ccccgacta catctacca ccagccatcg tgcagcccag cgtggtgatc ccagccgccc 900
ctgtcccgtc gctgtcctcg ccctacattg agtacacgcc ggccagcccg gcctacgccc 960
agtaccaccc ggccacctat gaccagtacc catacgccgc ctgcctgcc accggtgcca 1020
gcttcgtggg ctacagctac cctgccgccg tgccccagge cctctcagcc gcagcaccgg 1080
cgggcaccac tttcgtgcag taccaggcgc cgcagctgca gcctgacagg atgcagtga 1140
gggcgttctt gccccgagga ctgtggcatt gtcaccttca cagcagacag agctgccagg 1200
ccatgatggg ctggcgacag cccggctgag cttcagtga gtgccaccag caccgctgcc 1260

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tccgaagacc	gctcgggcat	tccgcctgcg	ccctgggaca	gcggagagac	ggctttctctt	1320
taatctaggt	cccatgtgtg	cttgagggag	gactttaaga	atgactgaga	actatttataa	1380
gacgcaatcc	cagggttcctt	gcacacccatg	gcagcctctc	cttgacacctt	ctcctgcctc	1440
tccacactcc	agggttccctc	aggcttgtgt	ccccactgct	gcacgtggc	ggggtgtcac	1500
agaccctctg	cagccccctgg	ctgccctgga	ctgtgcagag	atgcctgact	ccagggaaaac	1560
ctgaaagcaa	gaagttaatg	gactgtttat	tgtaaacttga	tcctcccagag	ctgtgagcgc	1620
agtctgaggt	gtgaggacac	ggcctcctgt	tggagtccca	ttttctccat	cagggcacgt	1680
gggcggcttc	ctcaagcccg	gaggagctcc	caggcgacac	ggggccgccc	gtaacagggg	1740
ccgccggcca	aaggccctt	tccagtcata	gcactgaagt	tgcaactttt	ttcttgtaat	1800
tgttttgcta	ctaagataat	ttcagaagtt	cagtctat	tttcagcga	tactgccgcc	1860
accaagaatc	caaaacctat	ttttgacttg	gagagacttg	cttttggttg	ttccgcccgt	1920
ggagacgacg	atagtgtttc	tgtataataa	agtgtctgcc	ggctcgcggg	ccaggatcct	1980
ctcgggtggga	tgggcaccac	agacaggagg	cccctcaggc	ccgtgcgggc	cactgtctgc	2040
tgcgcctgc	cgggggtggca	gagtgagttg	tctcaggacc	ccgtcactgc	gacgttgaca	2100
ctcctctccc	ttcccttcct	ccccaaactcc	ccaaacactg	tggaagggga	gaaggaaagt	2160
atccacagca	ttcaggccac	ttgggggtcta	gaccatggtg	gtgccagcct	gggggggggca	2220
gtggccctca	gctctgccc	ctggagcgg	tgagtgcaga	agggtgcgc	tcttccctct	2280
accccccgcac	cacctggctg	ttgtgccaa	cctgagacgg	tttccttgcc	tgtcttgggg	2340
gttggtggag	ggtggaggcc	agtttcttcc	caaccctg	cagggtgct	aatggggcat	2400
cccaagggt	gttgggggtc	tgggaaggag	ggacattaaa	ggtagagggt	atccctggcc	2460
gagggcgggg	ggacagcgng	gggggtctccc	cctccggacc	tacctcagg	agctgagcgt	2520
gcaggcgctc	ccagggcagg	cctgggacag	agtcaaggct	cagagaataa	aggtagctaa	2580
tctcatcata	atatTTTTTat	tagaatgttc	tgatgataaa	aataaaactt	gttttcttta	2640
aagaa						2645

<210> 8361

<211> 1227

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (443)...(41)

<223> similar to gi4884166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8361

tttttttttt	ttgagcagac	aaatctttat	tcctgaggct	aaaatatgca	ccagttccct	60
ccctgtaccg	cgccactgcc	agcctgactg	catgcaggcc	ctgtcccaga	cctggagcgc	120
tgaacttgga	gtcccaggac	ctccttccct	gagttgtgtg	tgtgtacatg	gaggggactc	180
ctgggtagca	cctggaggcg	gcctaggggt	gaggggcttc	tcaagggtgc	cctgcacctc	240
cagaggtgca	gtcttgggca	ggatgtagca	tgttcagagt	ctgggtgaccg	aaacagggt	300
gtcggggaca	ggcctcgggt	gttggagggc	aaagggtgaca	gcacatgga	cagaggcaaa	360
gagatgcttc	ttggtgatgg	atgcacgaa	gaagtgccca	gcctcaagct	ggctgaccac	420
agggtgtgg	caggccgcca	tgtacacctc	cacctcaatc	tcccggaagt	catggaaaat	480
attcttcagg	ctcttgaggc	acacagtgtc	cacaaaggag	agggcaccca	ggtccaggat	540
gaggctgtgg	aagtctggct	gaggcaggcc	cagggccttc	agtgtggacc	catctggggc	600
cttggagtct	tcttgaccat	tggctgttgc	atcttccatc	ttatctcctg	agctcacctg	660
catcatcttg	cagtcctcaa	cgttggttgc	cctcatgtct	tcaaggctgg	tgttgacatt	720
aatggaaact	gaggcgccct	tgggggaggc	agcctgtttc	cgaagcttct	cctctttctg	780

cagttgcttc	agcttcagct	gctcctgctt	cttgagcagt	ttctttcttct	gggagatgag	840
gaagtcgaca	tccacaccac	acctctgctt	cagcgcacat	ctgtagaact	cagcattggc	900
aaagtacacg	gtggccgagg	agcgggaagac	cttcaccccc	cggacttcct	tggcctctga	960
gtactctgcc	acatctctgt	aaatatccgt	gtctggcacc	tgccccagga	cagagtagtg	1020
gggcatctgt	gtccggacca	ccacgagcag	cagggagaag	atgaccgcaa	ccaccaagcc	1080
aaggtccagg	ttcagcaaga	tgggtggccgt	gaaggtcacc	agccagataa	gcagatccgc	1140
ccgattggcc	ttccagaggg	agcgcacatg	gctgagctgc	ctcagcatgc	ccttcagggt	1200
cacaatgatg	atggctgcca	ggaccgc				1227

<210> 8362  
 <211> 1788  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (168)...(1260)  
 <223> similar to gi5882255 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8362	
tcctcttgct	ccggaatgag catgcctgcc ctttgcaagc aggtttgggt ctacgcaga 60
ggaaacaaaa	agcaataaga gggagggaag gcagagcaac caatcaaggg cagggtgaga 120
ctcaaaacga	gcggtctccc tggggagcca gacagagget gggggtgatg gcgagctac 180
agcagctgca	ggagtttgag atccccactg gccgggaggg tctgaggggc aaccacagtg 240
ccctgctgcg	ggtcgctgac tactgcgagg acaactatgt gcaggccaca gacaagcgga 300
aggcgctgga	ggagaccatg gccttcaacta cccaggcact ggccagcgtg gcctaccagg 360
tgggcaacct	ggccggggcac actctgcgca tgttggaact gcagggggcc gccctgcggc 420
aggtggaagc	ccgtgtaagc acgctgggccc agatggtgaa catgcatatg gagaagggtg 480
cccgaaggga	gatcggcacc ttagccactg tccagcggct gccccccggc cagaagggtca 540
tcgccccaga	gaacctaccc cctctcacgc cctactgcag gagacccctc aactttggct 600
gcctggacga	cattggccat gggatcaagg acctcagcac gcagctgtca agaacaggca 660
ccctgtctcg	aaagagcatc aaggccccctg ccacaccgcc ctccgccacc ttggggagac 720
caccccgcat	tcccagacca gtgcacctgc cgggtggtgcc cgacggcaga ctctccgccg 780
cctcctctgc	gtcttccctg gcctcgggcc gcagcgccga aggtgtcggg gggggcccca 840
cgccccaggg	gcaggcagca cctccagccc cacctctccc cagctccttg gacccacctc 900
ctccaccagc	agccgtcgag gtgttccagc ggcctcccac gctggaggag ttgtccccc 960
ccccaccgga	cgaagagctg cccctgccac tggacctgcc tcctcctcca cccctggatg 1020
gagatgaatt	ggggctgcct ccacccccac caggatttgg gcctgatgag ccagctggg 1080
tgctgcctc	atacttgag aaagtgggtga cactgtaccc atacaccagc cagaaggaca 1140
atgagctctc	cttctctgag ggcactgtca tctgtgtcac tcgccgtac tccgatggct 1200
ggtgcgaggg	cgtcagctca gaggggactg gattcttccc tgggaactat gtggagccca 1260
gctgctgaca	gcccagggct ctctgggcag ctgatgtctg cactgagtgg gtttcatgag 1320
ccccaaagcca	aaaccagctc cagtcacagc tggactgggt ctgccacct cttgggctgt 1380
gagctgtggt	ctgtccttcc tcccatcgga gggagaaggg gtccctgggga gagagaattt 1440
atccagaggc	ctgctgcaga tggggaagag ctggaaacca agaagtttgt caacagagga 1500
cccctactcc	atgcaggaca ggggtctcctg ctgcaagtcc caactttgaa taaaacagat 1560
gatgtcctgt	gactgcccc aagagataag gggccaggag ggattgaaag gcatccagat 1620
tctaaggctg	ctgctaatta cagccccaa cctccaaccc accagctgac ctagaagcag 1680
catcttccca	tttccctcagt accacaaaag tgcagccccc attggacccc agacaccct 1740

ctgcagccat tgactgcaac ttgttctttt gccattgaa aaaaaaaa

1788

<210> 8363

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (227)...(591)

<223> similar to gi5262481 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8363

gggggggagc	ggggaaaaca	aaaggagacg	aaggacgcat	gcgtttggtg	agtcccggat	60
tctggtgggt	tcttccgctc	aggctgggtg	aagcgcttcc	gggtcgccgc	cggcagcagc	120
ctcccggcgc	gatgaagaca	ctgaggctca	gagaggttaa	gtgactcagc	caagggtcaaa	180
cagctagtaa	gtggtggagc	caggactcaa	agccagtcta	ggagccatgt	ccactttgtt	240
ccctcactc	ttccctcgtg	tgactgagac	tctgtggttt	aatctggatc	gaccctgtgt	300
ggaagagaca	gagctgcagc	agcaggaaca	gcagcatcag	gcctggctcc	aaagcatcgc	360
ggagaaagac	aacaacctgg	ttcctattgg	caagccagcc	tcagagcact	atgatgacga	420
ggaagaagag	gatgatgaag	atgatgagga	tagtgaagag	gactcagagg	atgatgagga	480
tatgcaggac	atggaacgaga	tgaatgacta	caatgagtca	ccggatgatg	gagagggtcaa	540
tgaggtggac	atggaaggca	acgaacagga	tcaggaccag	tggatgatct	aggtagacaa	600
ggcaggggtg	cctcagggag	attccaggcc	agcccaaact	accctgcate	ccaaccccca	660
acccctgcc	acagaaccag	ctgatggccc	cagtgcctga	aagtgccctt	gggcacctcc	720
tcagctgctg	ccaggatctg	gtctcttttg	cccctcccag	gccatcagtc	tgcaattgaa	780
atccccaggg	cctgaaacct	actccacctt	cctggccagt	acctcaccoc	ttgattgcca	840
ggtctggtct	aagtttcttt	aataaagaca	aaggagtgat	tttccaaaaa	aaaaa	895

<210> 8364

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (38)...(413)

<223> similar to gi791053 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8364

cagccggcag	gacgctgtga	gttggcgtgc	tagtgggatg	gcagatgagg	aagaagaccc	60
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cacgtttgag	gaagaaaatg	aagaaattgg	aggaggtgca	gaaggtggac	agggtaaaag	120
aaagagactt	ttttctaaag	aattgcgatg	tatgatgtat	ggctttgggg	atgaccagaa	180
tccttatact	gagtcagtgg	atattcctga	agatcctgtc	atagagttaa	tcactgaaat	240
gactcacaag	gcaatgtcaa	ttggaagaca	aggtcgagta	caagttgaag	atatcgctct	300
cttgattcga	aaggacccaa	ggaagtttgc	cagggttaaa	gacttgctta	ctatgaatga	360
agaattgaaa	cgagctagaa	aagcatttga	tgaagcaaat	tatggatcct	gacacttttt	420
gtagtttccg	aaaattacca	tctggggaaa	ccatatataa	taattgtata	ttttctaaag	480
taagattctg	atatctagcc	atgtaaata	aagatggaga	aacacaaagt	tttcagcctt	540
tatttttatg	cctttgattt	tagggtgata	ttggtgcatg	taattgcctg	ccttttatatt	600
accatacttg	aattacttac	tgggttttaa				630

<210> 8365

<211> 2285

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (198)...(1751)

<223> similar to gi35869 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8365

agaagcgtac	accgagtagc	ttgagcgctt	cttcgggtta	cctttttcca	gtgccagagg	60
cgcctagggg	tggggctctc	gtcagggcac	agagacccga	caccgagcgg	cggcttcccc	120
gggatcgagg	gacgcgcacg	ccagaggaga	cgaaaggaac	ccgggtcgga	ccagatcgga	180
accactgacc	attgcccatt	gcgcccttag	gccctagcag	ccagaatgtc	actgaatacg	240
tcgttcgagt	tcctaagaat	acaacaaaaa	aatataacat	catggccttt	aatgcagccg	300
acaaagtcaa	ctttgtctac	tgggaatcagg	ctcggcttga	gcgggacttg	agcaacaaga	360
aaatctacca	agaggaggag	atgcccgaat	cgggcgcggg	cagttagttc	aaccgcaagc	420
ttcgggagga	ggctcggagg	aagaagtacg	gcatcgctct	caaggagttc	cggcccagagg	480
accagccctg	gctgctccgg	gtcaacggca	aatcaggcag	gaagttcaag	ggcatcaaga	540
agggaggcgt	aacagagaac	acgtcctact	acatcttcac	ccagtgtccc	gacggggcct	600
tcgaggcctt	ccccgtgcac	aactggtaca	atttcacacc	gctggcccgg	catcgacgcg	660
tcactgccga	ggaggccgag	gaggagtggg	agaggaggaa	caaggtgctg	aaccacttca	720
gcatcatgca	gcagcggcgg	ctcaaggatc	aggaccagga	cgaggatgag	gaggagaagg	780
agaaacgtgg	ccgcagggaag	gcgagcgagc	tgcgcattcca	cgacctggag	gacgacctgg	840
agatgtcgtc	cgatgccagt	gatgccagtg	gtgaggaggg	gggcagagtc	ccaaggcca	900
agaagaaggc	gccgctggcc	aagggcggca	ggaaaaagaa	gaagaagaag	ggttcagacg	960
acgaggcctt	cgaggacagc	gatgatgggg	acttcgaggg	ccaagagggtg	gactacatgt	1020
cagacggctc	cagttagctc	caagaagagc	ctgagagcaa	ggccaaggcg	ccgcagcagg	1080
aggaggggcc	caagggtgtc	gatgagcaga	gcgacagtag	tgaggagagt	gaggaggaga	1140
agccgcctga	ggaggacaag	gaggaggagg	aggagaagaa	ggcaccacc	ccgcaggaga	1200
agaagcgag	gaaagacagc	agcgaggagt	cggacagctc	agaggagagc	gacattgaca	1260
gcgaggcctc	ctcagccttc	ttcatggcga	agaagaagac	gccacccaag	agagagcgga	1320
agccgtcggg	agggagctca	aggggcaaca	gccgccagg	cacgccaggc	gcagagggtg	1380
gcagcacctc	ctccaccctg	cgggcggctg	ccagcaaaact	cgagcaaggg	aagcgggtga	1440
gcgagatgcc	tgcagccaag	cggttgcggc	tggacacggg	acccagagagc	ctgtctggga	1500
agtcgacacc	ccagccacca	tcaggcaaga	caacacccaa	cagcggcgac	gtgcagggtga	1560
ctgaggatgc	cgtgcgcgcg	tacctgacac	ggaagcccat	gaccactaag	gacctgctga	1620

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aaaagttcca gaccaagaag acagggctga gcagcgagca gacagtgaac gtgttggtccc 1680
agatcctcaa gcgactcaac cccgagcgca agatgatcaa cgacaaaatg cactttctccc 1740
tcaaggagtg aggcttggtc caatacatgg ctctgcccc cagaacttaa ggctctcact 1800
gcccttcgc catcctagag tgaggctctg tccaatacat ggctctgccc tccagaactt 1860
caggctctca gtgacccttc gacatcctgc ttgctccctg actcccaggg ccccgtagtt 1920
agcaattctg gaaaagttaa gccatctcct cctctggccc ttccttctgg aatcttcaga 1980
tgctgttag gccttcttat tgcctcctc ctctgggtc ggctccctc aactgacca 2040
agggcctgtg ctgcccactg ggtaacttct acagttctcc cttccacttc cctaagtctc 2100
tcttcagctg tgacttatcc accacatagc ccagtaagtc ttcagttttg gctgggcatg 2160
atggtgagcg cctgcagtc cagctacttg ggaggctaag cccagttcaa ggctgcagtg 2220
aactatgatg gtgccactgc attccagcct gggtgacaga atgaaatcct ggcacaaaaa 2280
aaaaa 2285

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<210> 8366
<211> 1622
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (80)...(1129)
<223> similar to gi4416074 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8366
cccacgcgtc cggacgaagg actggaaggt ggcggtggtg aaggtgcagg ccgttggggc 60
ggctcaaagg caggtgacta tgaaaggctt atatttccaa cagagttcca cagatgaaga 120
aataacattt gtatttcaag aaaaggaaga tcttctgtt acagaggata actttgtgaa 180
acttcaagtt aaagcttggt ctctgagcca gataaatata aagcttctgg cagaaatgaa 240
gatgaaaaag gatttatatt ctgttgaggag agaaattgct ggaattgtat tagatgttgg 300
aagcaaggta tcattctttc aaccagatga tgaagtagtt ggaattttgc ccctggactc 360
tgaagacctt ggactttgtg aagttgttag agtacatgag cattacttgg ttcataaacc 420
agaaaaggtc acatggacgg aagcagcagg aagcattcgg gatggagtgc gtgcctatac 480
agctctgcat tatctttctc atctctctcc tggaaaatca gtgctgataa tggatggagc 540
aagtgcattt ggtacaatag ctattcagtt agcacatcat agaggagcca aagtgatttc 600
aacagcatgc agccttgaag ataagcagtg ccttgaaaga ttcagacctc ccatagcccg 660
agtgattgat gtatctaata ggaaagttca tgttgctgaa agctgtttgg aagaaacagg 720
tggcctggga gtagatattg tcctagatgc tggagtgaga ttatatagta aagatgatga 780
accagctgta aaactacaac tactaccaca taaacatgat atcatcacac ttcttggtgt 840
tggaggccac tgggtaacaa cagaagaaaa ccttcagttg gatcctccag atagccactg 900
ccttttctc aaggagacaa cgttagcttt cctgaatgat gaagtttgga atttgtcaaa 960
tgtacaacag ggaaaatatc tttgtatctt aaaggatgtg atggagaagt tatcaactgg 1020
tgttttcaga cctcagttgg atgaacccat tccactgtat gaggcaaaag tttccatgga 1080
agctgttcag aaaaatcaag gaagaaaaaa gcaagttggt caattttaat tttcttcttt 1140
ctcagacctc agtcggatga acatattcca gtatttgaag ccagaatttt ctttggaat 1200
tgttgagaaa aaccaaggaa gataaaacaa gttgcatttt taagcacggt tcccctgcta 1260
agacaagatg cctcagttga cacatttgaa aagtgtttga aaaattcctt gtgcaaatga 1320
tcaagataat tctataatta acatcttaag ggaatttttc taaaaacctt ttcattgttt 1380
ctatatattt tgcccctgct ataaaattcc ttccatgaag aaaactgctg ctttcagcaa 1440
aagtcacact actcttgata aaagctgttg caggcctctg ctaagctatc aaagtaacgt 1500

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attaatTTTtg	tattcaactc	ccgttctcaa	caccttcatt	aagtctttgc	tgtcataatt	1560
taagcatttg	agtatatTTT	gaagtcttaa	aagacttagc	ccataggccc	ttaaaaaaaa	1620
aa						1622

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<210> 8367
<211> 2309
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(1679)
<223> similar to gil228085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8367						
ctggaccgat	ccgcaattcc	aggatcgacg	atttcgtggg	tggagaccca	cgagccgagg	60
cctcctgcag	tgttctgcac	agcaaaccgc	acgctatggc	tgacagccgg	gatcccgccca	120
gcgaccagat	gcagcactgg	aaggagcagc	gggccgcgca	gaaagctgat	gtcctgacca	180
ctggagctgg	taaccagta	ggagacaaac	ttaatgttat	tacagtaggg	ccccgtgggc	240
cccttcttgt	tcaggatgtg	gttttcaactg	atgaaatggc	tcattttgac	cgagagagaa	300
ttcctgagag	agttgtgcat	gctaaaggag	caggggcctt	tggctacttt	gaggtcacac	360
atgacattac	caaatactcc	aaggcaaagg	tatttgagca	tattggaaag	aagactccca	420
tcgcagttcg	gtttctccact	gttgctggag	aatcgggttc	agctgacaca	gttcgggacc	480
ctcgtgggtt	tgcagtgaaa	ttttacacag	aagatggtaa	ctgggatctc	gttggaaata	540
acacccccat	tttcttcatac	agggatccca	tattgtttcc	atctttttatc	cacagccaaa	600
agagaaatcc	tcagacacat	ctgaaggatc	cggacatggg	ctgggacttc	tggagcctac	660
gtcctgagtc	tctgcatcag	gtttctttct	tgttcagtga	tcgggggatt	ccagatggac	720
atcgccacat	gaatggatat	ggatcacata	ctttcaagct	ggttaatgca	aatggggagg	780
cagttttattg	caaattccat	tataagactg	accagggcat	caaaaacctt	tctgttgaag	840
atgcggcgag	actttcccag	gaagatcctg	actatggcat	ccgggatctt	tttaacgccca	900
ttgccacagg	aaagtacccc	tcttggaactt	tttacatcca	ggatcatgaca	tttaatcagg	960
cagaaacttt	tccattttaat	ccattcgatc	tcaccaaggt	ttggcctcac	aaggactacc	1020
ctctcatccc	agttggtaaa	ctggtcttaa	accggaatcc	agttaattac	tttgctgagg	1080
ttgaacagat	agccttcgac	ccaagcaaca	tgccacctgg	cattgaggcc	agtcttgaca	1140
aaatgcttca	gggcgcgctt	tttgctatc	ctgacactca	ccgccatcgc	ctgggaccca	1200
attatcttca	tatacctgtg	aactgtccct	accgtgctcg	agtggccaac	taccagcgtg	1260
acggcccgat	gtgcatgcag	gacaatcagg	gtggtgctcc	aaattactac	cccaacagct	1320
ttggtgctcc	ggaacaacag	ccttctgcct	tggagcacag	catccaatat	tctggagaag	1380
tgcggagatt	caacactgcc	aatgatgata	acgttactca	ggtgcgggca	ttctatgtga	1440
acgtgctgaa	tgaggaacag	aggaaaacgtc	tgtgtgagaa	cattgccggc	cacctgaagg	1500
atgcacaaat	tttcatccag	aagaaagcgg	tcaagaactt	cactgaggtc	caccctgact	1560
acgggagcca	catccaggct	cttctggaca	agtacaatgc	tgagaagcct	aagaatgcga	1620
ttcacacctt	tgtgcagtcc	ggatctcact	tggcggcaag	ggagaaggca	aatctgtgag	1680
gccggggccc	tgcacctgtg	cagcgaagct	tagcgttcat	ccgtgtaacc	cgctcatcac	1740
tggatgaaga	ttctcctgtg	ctagatgtgc	aaatgcaagc	tagtggcttc	aaaatagaga	1800
atcccacttt	ctatagcaga	ttgtgtaaca	attttaaatgc	tatttcccca	ggggaaaatg	1860
aaggtttagga	tttaacagtc	atttaaaaaa	aaaattttgtt	ttgacggatg	attggattat	1920
tcattttaaaa	tgattagaag	gcaagtttct	agctagaaat	atgattttat	ttgacaaaat	1980
ttgttgaaat	tatgtatgtt	tacatatcac	ctcatggcct	attatattaa	aatatggcta	2040

taaatatata	aaaagaaaag	ataaagatga	tctactcaga	aatTTTTtatt	tttctaaggt	2100
tctcatagga	aaagtacatt	taatacagca	gtgtcatcag	aagataactt	gagcaccgtc	2160
atggcttaat	gtttattcct	gataataatt	gatcaaattc	atttttttca	ctggagttac	2220
attaatgtta	attcagcact	gatttcacaa	cagatcaatt	tgtaattgct	tacattttta	2280
caataaataa	tctgtacgta	aaaaaaaaa				2309

<210> 8368  
 <211> 1854  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1718)...(308)  
 <223> similar to gi4972730 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8368						
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tcattttactt	cagagcaaat	gtaagcttat	aatattaaaa	attaaagtat	tacaatattt	120
accaagatgg	ttgggcaggg	gacacttact	agtataaaaa	taatacaaat	attgtatttt	180
cctcttatct	gccagtaaaa	aatggcaaac	aggttttgtc	tttctgaagt	ttctagtcca	240
ataaccaaag	atgatggagc	ccctaataaa	gtgccttgcc	ctgtatgctc	cactgtctat	300
agcttttagac	cctcaacatt	cttcttcaag	ttcagcagct	ctttttcttg	ccttcttttc	360
tccagtttaa	atgctaattt	gttagctttc	ttctccactc	ttcgttcctt	gcgctcttct	420
tttatagctt	gctttcttgc	tcttttatct	tctttgcttt	cattttttaga	acgtggctga	480
gttgatactt	taggaagatc	actgccatta	atcatctgta	ttctttcagt	ttgctttgct	540
gtgagtcctt	tcttttgtaa	gacattgaga	ggatattcctg	ttttagaaga	tattcgaatt	600
tgtttgggct	ttgggttgata	cttgataagc	tgtggatggg	tatataaatt	tgagtatgta	660
ctacaaatag	attcacaatc	ccacttctct	ttggcttctt	caaggactac	agtaatcatt	720
tcttctctct	cagactcatc	aaagctcatc	attggcaggt	cttgatcctc	caagggttca	780
agggatttca	attttacaca	attctctgcc	ttctctttat	agtagtcatt	caaaacttcc	840
tgtaagcgat	tgctgtccac	ttgaatagaa	ccttccaatt	ctgcattatc	cagagctcca	900
atttcatcat	catcatattg	ctcataaaac	ttctcaaacc	tctcatcatg	tagggtcagc	960
tgttcatttc	tcctcatgac	tgaggaagtc	atcgaatact	ccgtgaagcg	actctttggt	1020
tcctcactcc	agaacaagtg	atctgctata	gctctgtgag	tttttccggg	cacagacata	1080
cagtcttcat	ctgacaatag	gcctgcagag	tcatagtcatt	cattgctatc	tcccttctca	1140
tcattccacat	cttcccactc	gctgtcatct	tcattctcag	atttctgtat	atccattccc	1200
tcttctctct	ctgttgctct	attggcctga	agaataaagt	catcctcaag	cagattatct	1260
ggatcatcaa	agtcaaaatc	atcatcaaga	gctgcaacaa	tgtcaggatc	aaaatccagt	1320
cgaggctctg	aaactggagc	tgctttatct	aacaatccaa	catcttctct	aaactctgaa	1380
gcaaacactg	atgaaggcaa	cttaattcca	gtgcttgga	ttactagcgt	ttcttctttc	1440
tcctctctcc	tggtgtgtgc	actgaaggta	cttgaggga	taagctctga	aggcccagat	1500
ggttccttca	ggtgctgcag	gtagtcatag	tcgtcatcaa	agaacactcc	atacttctct	1560
tgttctgctc	gcctttcttc	attgtctatt	ttttgtgtgg	gcaatagaac	cctctggggg	1620
gcactctcat	ctgctgctaa	aggatctcgt	tggtccggg	ggaccaagtg	aaaagacaca	1680
gctttcttct	tctctataaa	gggctttttc	ttctgtgag	gcatgctgca	gccgcgcggc	1740
gctcaccccc	aacagggggc	gcgatgacac	cctcgaagtc	cggcggggag	accaaggtcc	1800
agctgaaggc	cgcttctgta	ggcctcacca	cacgtgcagc	cccaacgaaa	tcgg	1854

<210> 8369  
 <211> 1262  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (350)...(601)  
 <223> similar to gi20245 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8369  
 ctccaagctg ctggacccca gggagagctg accactgccc gagcagccgg ctgaatccac 60  
 ctccacaatg cgggtctcag gaaccccggc ccctaataag aagaggaaat ccagcaagct 120  
 gatcatggaa ctcaactggag gtggacagga gagctcaggc ttgaacctgg gcaaaaagat 180  
 cagtgtccca agggatgtga tgttgaggga actgtcgtcg cttaccaacc gggggtccaa 240  
 gatgttcaaa ctgcggcaga tgagggtgga gaagtttatt tatgagaacc accctgatgt 300  
 tttctctgac agctcaatgg atcacttcca gaagttcctt ccaacagtgg ggggacagct 360  
 gggcacagct ggtcagggat tctcatcacag caagagcaac ggcagaggcg gcagccaggc 420  
 agggggcagt ggctctgccg gacagtatgg ctctgatcag cagcaccatc tgggctctgg 480  
 gtctggagct gggggtacag gtggtcccgc gggccaggct ggcagaggag gagctgctgg 540  
 cacagcaggg gttggtgaga caggatcagg agaccaggca ggcggagaag gaaaacatat 600  
 cactgtgttc aagacctata tttcccatg ggagcgagcc atgggggttg acccccagca 660  
 aaaaatggaa cttggcattg acctgctggc ctatggggcc aaagctgaac ttcccaaata 720  
 taagtccctc aacaggacgg caatgcccta tgggtgatat gagaaggcct ccaaacgcat 780  
 gaccttccag atgcccacaa tttgacctgg ggcacctggc tgagtgaac ccctgggtcc 840  
 ttctacaacc aaaacctctc caacagggcc ttcttttcaa tcgaaccccc tattcccttg 900  
 gctggagctc tgggggagcc tgtagactac aacgtggata ttggcatccc cttggatgga 960  
 gaaacagagg agctgtgagg tgtttcctcc tctgatttgc atcatttccc ctctctggct 1020  
 ccaatttgga gagggaatgc tgagcagata gccccattg ttaatccagt atccttatgg 1080  
 gaatggaggg aaaaaggaga gatctacctt tccatccttt actccaagtc cccactccac 1140  
 gcacccctcc tcaccaactc agagctcccc ttctacttgc tccatatgga acctgctcgt 1200  
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 aa 1262

<210> 8370  
 <211> 1627  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (573)...(1063)  
 <223> similar to gi5262686 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 8370

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tgccaacaat tgggcacgag ggctggaaa gctgtacctg caccttcaag gaccgcagta 60
aacttcgaga gcacctccgc agccataccc aggagaaagt ggtagcctgc cccacctgtg 120
ggggcatgtt tgccaacaat accaagttct tagatcacat ccgtcgccag acctcattgg 180
atcagcagca cttccagtgt tctcaactgt ccaagagatt tgccacagag cggctattgc 240
gggaccacat gcgcaaccat gtgaatcact ataagtgcc tctgtgtgac atgacctgcc 300
cgctgccttc ctccctccgc aaccacatgc gctttcgtca cagtgaggac cggcccttta 360
aatgtgactg ttgtgactac agctgcaaga atcttattga cctccagaag cacctggata 420
cccacagcga ggagccagcc tacagggtgtg attttgagaa ctgcaccttc agtgccgat 480
ccctctgctc tatcaagtcc cattaccgca aagtacatga aggagactct gagccaaggt 540
acaaatgtca tgtgtgtgac aaatgtttca cacggggcaa caacctcacc gtgcaccttc 600
gcaagaagca ccagttcaag tggccctcag ggcatccccg ttttcggtac aaggaacatg 660
aagatggcta tatgcggctg cagctggttc gctacgagag tgtagagctg acacagcaac 720
tgctgcggca accacaagag ggatcgggcc tgggaacgtc gctgaacgag agcagcctgc 780
agggcattat tctagaaaca gtgccagggg agccaggacg taaggaagag gaagaggagg 840
gcaagggtag cgaagggaca gccctctcag cctctcagga caaccccagt tctgtcatcc 900
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tttcttcccc aggtcctgaa gtttgagcca ggcaagtggc agtgccccta gtgggcagcc 1140
gttgccaatg gatgccttta ggagtgggtg cgagagcagt gtgggtccact ctggcctggg 1200
tttgcatcat tctgcagact ctaaagactt cccttttctg ccagactaca ttttgtgggg 1260
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aaggtttcct ctacaacccc aaggactttc atgattatcc tcagggacag gattggaggc 1560
attgagcgtg tttattaaca aattgttttt ggtaataaaa taaatgcttg gactcttaaa 1620
aaaaaaa 1627

```

&lt;210&gt; 8371

&lt;211&gt; 4976

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (103)...(4500)

<223> similar to gi407097 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 8371

```

gactcccggg tctaccacg cgctccgggtg gcttggtgag ccggaggaca cgatttctct 60
ctcctccttg caattttcct ttctgtctgg gagcacgcca agatgtccct tgtgactgtc 120
cccttctacc agaagagaca taggcacttc gaccagtcct accgtaatat tcaaacacgg 180
tacctgctgg acgaatatgc gtcaaaaaag cgagcttcca cccaggcatc ttcccagaag 240
tccttgagtc agcggctcgtc ttcacagaga gcctccagcc agacgtccct gggaggaacc 300

```



```

ggccaagatg tgtccatcct tgaaatagct ggcaaagtgt atgatgatat gatttttggca 3780
atgagtagag tctgtgggaa atctgtctcg ccactgaagg tactctgcac cccagaagga 3840
atacgacttc agtgtttcat gaagtatttt acagacgaaa tgaaagtga ctggtgtcac 3900
aaagatgcta agatctcatc cagtgagcat atgagaatcg gggggagtga agagatggct 3960
tggctgcaga tatgtgagcc gactgagaag gataaaggaa aatacacttt tgagattttc 4020
gatggcaaa acaaccatca acgctccctt gacctgtccg gacaagcttt tgatgaagca 4080
tttgcagaat tccagcaatt caaagctgct gcttttgcag agaagaatcg tggcagggtg 4140
atcggcggct tgctgacgt ggtgaccatc atggaaggga agaccttgaa tctgacctgc 4200
acggtgtttg gaaaccctga cccgaagtgt atttggttca agaacgacca ggacatccag 4260
ctcagcgagc acttctcggg gaaggtggag caggccaagt acgtcagcat gaccatcaaa 4320
ggcgtgacct ccgaggactc gggcaagtac agcatcaaca tcaagaataa gtatggcggg 4380
gagaagatcg acgtgacggg gagcgtgtac aaacacgggg agaagatccc ggacatggcc 4440
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aggcgttttc ctacgctgga gatgggaaaa tatgcttggc agagacagga atgctgtgtg 4560
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tttggggggc cgcgagatct agcatctctg aaatcctggc tgtcgaggct ttgaagcatg 4920
tgttacctgg ttaagcttgt tttctcttgc tttaggcaaa taaaagtta aaaatc 4976

```

<210> 8372

<211> 2981

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (398)...(2809)

<223> similar to gi3169008 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8372

```

gggctggggg gtgttttattt gggatatatac aatgagtcac ggattaaaaat tgcttccagc 60
ggatagatac ctagggtgttc cacagcatta ctgaacaagc tgtcgtcatt tccccattac 120
ctcagaagac ccccttaatt acttacttat attaactgta gaacgtattt atgcatacca 180
ggctctacct ctgggcttttc tattctgttc cagagaccca gtaccagaat atttaaataca 240
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tttttccctt ttcaggaacg tgttcaggcc cgcggcaggg ggcgggatcg cgcctcctcc 360
tcggctctgg ttcagccgga gcctctcggg cgcagagatg gaaatcccga agctgctccc 420
ggctcgcggg aactacaggg gcggcggcgg cggcggtatc cccgcgggtg gcggccaggt 480
ccaccgaggg cctgactcgc cggctggcca ggtccccacg cgcgcctcc tgcgccccg 540
gggcccccaa gatggcgggc ccgggcggcg gcgcgaggag gccagcacgg catcacgggg 600
ccctggccca agcctgttcg cgcgcaggcc ccatcaacct agcggcggcg gcggcggcgg 660
cggcgacgac ttcttctctg tgctgcttga cccggtgggt ggcgacgtgg agaccgcggg 720
ctccggtcag gccgcagggc ctgtgttgag ggaggaggcc gaggagggcc cggggctcca 780
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cgcggttccc actcggccc cgatctccgc ccccgcccc gcccggcct tcgcgggcac 900
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```

cacgccccca	ccacacgcct	gggagccagg	ggccgctcct	gccagcagc	ccgggtgtct	1020
gatcgccccg	caagctgggt	tcccgcattg	cgcgaccccg	ggtgactgcc	cagagctgcc	1080
gccagacctc	ctgctagctg	agccggccga	acccgcgcca	gctccggcgc	ctgaggagga	1140
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gaagatgcac	ctgctgacgc	acagcagcag	ccaggggccag	aggcccttca	aatgccccct	1320
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cgataaactg	cggcccttcg	gctgccctgc	ggagggtgtg	ggcaagagct	taccacacct	1440
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atattttaagt	gcagtcatt	tctttttggt	ttgcaaaaag	agcacagccc	tggactatga	2940
gtttggagat	ctaaattctg	atcttgagtc	tggaaactgac	a		2981

<210> 8373

<211> 2513

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(988)

<223> similar to gil945271 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8373

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tattcttaaa	atggcgccgc	tagacctgga	caagtatgtg	gaaatagcgc	ggctgtgcaa	120
gtacctgcca	gagaacgacc	tgaagcggct	atgtgactac	gtttgtgacc	tcctcttaga	180

```

agagtcaaat gttcagccag tatcaacacc agtaacagtg tgtggagata tccatggaca 240
gttttatgac ctttgtgaac tgttcagaac tggagggtcag gttcctgaca caaactacat 300
atztatgggt gatztatgtac acagagggtta ctatagtttg gagaccttca cttaccttct 360
tgcatataag gctaaatggc ctgatcgtat tacacttttg cgaggaaatc atgagagtag 420
acagataaca caggtctatg gatztatatga tgagtgccaa accaaatatg gaaatgctaa 480
tgcttgaga tactgtacca aagtttttga catgtctaca gtagcagctt taatagatga 540
gcagattttg tgtgtccatg gtggtttatc tcctgatatc aaaacactgg atcaaattcg 600
aaccatcgaa cggaatcagg aaattcctca taaaggagca ttttgtgatc tggtttggtc 660
agatcctgaa gatgtggata cctgggctat cagtccccga ggagcaggtt ggcttttttg 720
agcaaagggt acaaagagt ttgttcatat caacaactta aaactcatct gcagagcaca 780
tcaactagtg cacgaaggct ataaatttat gtttgatgag aagctgggtga cagtatggtc 840
tgctcctaata tactgtctatc gttgtggaaa tattgcttcg atcatggtct tcaaagatgt 900
aaatacaaga gaaccaaagt tattccgggc agttccagat tcagaacgtg ttattcctcc 960
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gccctcttct taccccaatt ttcttgtatt accctctaca atatactttt tattgagcac 1080
tttgctgctg aaatgctgcc tcttgctttt ttttttttta aatttttaaat tatctaaatt 1140
tattgttggt ggggggtgtc tatagcaaag tttttctatc aattttcccc catcccatcc 1200
ccaccctgga ctcatattgag aagacttgag aaatgtctta atactcacac tgctgcatgt 1260
agctcttgct tatttactgg tctgggaaac aggatgtgtt tccttttttt aaaagccaat 1320
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tttaaattga tataaaataa attggtctaa agggctgccc tccttgttgt gtttttaaat 1560
tttagttaaa aactgctaca gcttatgact ttgtacttta agataattgt attgatcttt 1620
tttcagattc cttgtatttt ttaataaagt aatcttaaat aaaactcaga taggttaagt 1680
gttagaaaatt ttaaacagct tacattgtta gcgtaaagtt atcttttctt ttttcctaata 1740
cagagttctt gaccctttgg ttattgagtt taaaacttca attgaaattc aatagtattt 1800
atttttgaaa aaaatcacta aactgtgctt aaagaacata actgccatat taatgttttg 1860
gtttatatcc tctatagtaa tagaaaaaca tttaatactt gtaatgctga tgtgttaatt 1920
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ctaaaatcta tgtgcttttc aataggaatc attcttctct tgcgtgaaca cttgacctta 2040
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gtatttgtga actgtaatct gaagcagatt atttaaagtg tagaaaaaga aacaagttct 2160
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gggttgggat gatcagttct gaatatgcaa ctgtccactt aataaggaca agtattccag 2280
tatctcttat gactgtagtc ataaatgatg ttggaatgta cattttgtga aatagttggg 2340
atccctttac tatgattaat ttttgttatt ccaggaaata cttgtgaagc cagccaatta 2400
ataaagcact ttagcatctg ttcaggtagt tttgaaaacc aacttttccc cttcaggata 2460
agaacttcca ggttacctaa aaatgcaata aaaatcttta tagtctaagc ttt 2513

```

<210> 8374

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (240)...(1094)

<223> similar to gi214002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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<400> 8374
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ggaggggtcct ggttgccggc cccgcccgtt ccctccccgc cttttaggcg cccgctggc 120
cgggacgtcc cagtcgccgt ccgtcctcct cgctgccac cgggtgcaccc agtcctctca 180
cccagcccag tccgtccggt cctcaccgcc tgccggccgg cccaccccc accgcagcca 240
tggacgccat caagaagaag atgcagatgc tgaagctgga caaggagaac gccatcgacc 300
gcgccgagca ggccgaagcc gacaagaagc aagctgagga ccgctgcaag cagctggagg 360
aggagcagca ggccctccag aagaagctga aggggacaga ggatgaggtg gaaaagtatt 420
ctgaatccgt gaaggaggcc caggagaaac tggagcaggc cgagaagaag gccactgatg 480
ctgaggcaga tgtggcctcc ctgaaccgcc gcattcagct ggttgaggag gagctggacc 540
gggcccagga gcgcctggct acagccctgc agaagctgga ggaggccgag aaggcggctg 600
atgagagcga gagaggaatg aaggctcatcg aaaaccgggc catgaaggat gaggagaaga 660
tggaaactgca ggagatgcag ctgaaggagg ccaagcacat cgctgaggat tcagaccgca 720
aatatgaaga ggtggccagg aagctggtga tcctggaagg agagctggag cgctcggagg 780
agagggctga ggtggccgag agtaaagtgt gggacctaga ggaggagctg aaaattgtta 840
ccaacaactt gaaatccctg gaggccagg cgacaagta ttccaccaa gaagataaat 900
atgaagagga gatcaaactg ttggaggaga agctgaagga ggctgagacc cgagcagagt 960
ttgccgagag gtctgtggca aagttggaga aaacctatga tgacctagaa gatgaagtct 1020
atgccagaaa gatgaagtac aaggccatta gcgaggaact ggacaacgca ctcaatgaca 1080
tcacctccct ctgagcccca cgccagcgtg gccacctcag ctctcttctc tcctctcctt 1140
tccattctct ctatggggag gggagcaggc aggaggagca gaaattgcca acattgcaca 1200
gccaggctgg gagcagccta gggagagccc ccatcatgcc caccacccac tctggcactg 1260
gcttcatcct ttacctatcc ccttccaccc tcctttgctg cttaataaat tctgaacttg 1320
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agtaggggtg tgaggtgcag gacaggggca agaagggtgc aaaagggtctg gaatggagct 1680
tggaaaaaat ttggatatca gcaacatggg gctttcactg cagcagcagg tctgttttct 1740
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cacgtctccc ccttgtgggt tcccttctcc ctcacctgct gcttccccct acagagacct 2100
tggccagtgc caaggaggag aacgtcgaga ttcaccagat tcttggaaca gaccctgctg 2160
gaactcaaca acctgtgagg gccagcccca ccccagcca ggctatgggt gccaccccaa 2220
cccaataaaa ctgatgttac tagcctctc 2249

```

```

<210> 8375
<211> 3176
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (99)...(1118)
<223> similar to gi4105412 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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tttcgtctcc	cactcgagct	gcccccgccc	tctggaccgg	agtgactcag	gcctttgttt	60
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aacatgacat	cgagacaccc	tacggccttc	tgcattgagt	gatccggggc	tcccccaagg	180
ggaaccgccc	agccatcctc	acctaccatg	atgtgggcct	caaccacaaa	ctatgcttca	240
acaccttctt	caacttcgag	gacatgcagg	agatcaccaa	gcactttgtg	gtgtgtcacg	300
tggatgcccc	tggacaacag	gtgggggcgt	cgcagtttcc	tcaggggtac	cagttcccct	360
ccatggagca	gctggctgcc	atgctcccca	gcgtgggtgca	gcatttcggg	ttcaagtatg	420
tgattggcat	cggagtgggc	gccggagcct	atgtgctggc	caagtttgca	ctcatcttcc	480
ccgacctggt	ggaggggcgt	gtgctgggtga	acatcgaccc	caatggcaaa	ggctggatag	540
actgggctgc	caccaagctc	tccggcctaa	ctagcacttt	acccgacacg	gtgctctccc	600
acctcttcag	ccaggaggag	ctgggtgaaca	acacagagtt	ggtgcagagc	taccggcagc	660
agattgggaa	cgtagtgaac	caggccaacc	tgcagctctt	ctggaacatg	tacaacagcc	720
gcagagacct	ggacattaac	cggcctggaa	cgggtgcccc	tgccaagacg	ctccgctgcc	780
ccgtgatgct	ggtggttggg	gataatgcac	ccgtgagga	cggggtggtg	gagtgcact	840
ccaaactgga	cccgaacct	acgaccttcc	tgaagatggc	agactctgga	gggctgcccc	900
aggtcacaca	gccagggaag	ctgactgaag	ccttcaaata	cttctgcaa	ggcatgggct	960
acatgccctc	agccagcatg	acccgcctgg	cacgctcccg	cactgcatcc	ctcaccagt	1020
ccagctcggt	ggatggcagc	cgcacacagg	cctgcaccca	ctcagagagc	agcagggggc	1080
tgggcccagg	caaccacacc	atggagggtg	cctgttgaag	cccttgatcc	cgctgacgac	1140
gcccacgtcg	aggccccacc	gccatccttg	cgcgggctca	tgttcccttt	agtttatatt	1200
tgtgagggca	aaggggagga	aatgggggtc	tgtttgaaaa	aaatgagggg	atcttagatg	1260
ctgcagcaga	acagtctcca	ggtgttttaa	ggggctcagt	cctcctcate	ccatctcact	1320
ctccgtggta	acttagccaa	cttgacccct	ctcatcccca	tcccggcggc	ccaggcacag	1380
aaggggcagg	ccatagggag	ggagattcgc	tacggatcca	ggtcattcct	gggtgagccc	1440
ttgggagggc	atgtttggag	atgagagagg	cttcgagagg	gtgggtgctg	ggccacagg	1500
gtgcggggcc	agctcaggca	ctggcggtgg	agccctggga	gaccccttcc	cccacccctc	1560
accaagcaca	cctgtttctg	tctcatagca	catgtgacaa	tcatctggac	aacagccaca	1620
agggggcgct	cggaccaggc	agccactttc	ctggtgctct	ctgggcccag	ctggtgctgt	1680
agggccaagc	aggcaggggc	gtcaaggggt	ttctctgccc	aagggaagaca	gaacatggag	1740
aaccgtcagg	gcaggaaccc	cacagactgt	cccttccagc	ccacactctg	ccacctcctg	1800
gccctgtccc	aattctgagc	caaggcctcc	ccgaggcaga	agttgcctgg	tcctctgtcc	1860
ccacagtgac	ctgactgggg	gtgagggaga	aggaggagag	agcccatgtg	tgggtgtgtg	1920
gcccctgaga	acttcgtggt	gactgccttt	gggagcccgc	aggtggccag	aggcaggggt	1980
agctgagttc	ctggagaccc	cttttttgcc	cccagggtcc	ccagagggca	acgccatcag	2040
tagcagtgtg	gtgtttcagg	cagagctctg	gccaggctgt	gccagtgtgt	cccggacgca	2100
tactaaagga	agagagagtt	tatttagtca	actggcccaa	ggcagcgagg	cttctacagt	2160
cccacacccc	atagccgcct	gggctggggc	ttactggggg	ctgaagggtc	tggacatgaa	2220
caagggtcag	gtagaagaga	aaggcttccc	ctacacccca	gcctcctgct	gtcccctgaa	2280
gcccaggact	gcgttgatg	cttccatcc	actcacctta	ccccatagca	tcttgcggcc	2340
cagaaaccag	agccatttgt	ctcagaccct	aaatcaataa	tcacaaaccc	caaaacggga	2400
gagagcagtg	aaaacatgca	gggctgtgga	cgggggaagg	gttggtggcg	gtgttctgag	2460
gctgagagga	cacctatatg	cgtatttcct	ctacacacat	caccccccct	ctataatctt	2520
aagccatgac	tagcctggtg	gcgtgttagt	ttctgcccag	ttctaccccc	tcatgtgctt	2580
cttctgaata	ctgaatgtga	ctgtttgaaa	gctggtagaa	ttcatccctc	ttactgtaga	2640
taacactgca	aatcttgga	ttttgttttt	tgtgttttcc	agatgtatct	ataaatatct	2700
atacattata	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tacatcggtg	cctcccatgt	2760
gtggtgttct	tctggagggt	gtctctttgg	tcaagggtgaa	cttttaatgt	ttattatatt	2820
cttctccgca	caaagtaaag	agcctaattt	tgtgtattct	ggtggctgct	gtcatgagat	2880
gataaaatgt	aaaacaaaac	tctagtcaac	gtagaaagag	ttaactgtgc	tgaaaaacta	2940
ataaagaacc	taagaagaat	tccagtgtgg	tgatgccatg	cccatcatgg	gaggcctttt	3000
ggagaaacag	aatgtttggg	caggggctgc	tgggtgctgt	ttgggttttt	gggttgaggg	3060
tgctaggaga	ggatggtctc	cacccatctt	tctattttcca	gtacacgtca	cattatttta	3120
ccggtgagat	gagaatgtca	caaacattaa	aagccttatg	tgtcttaaaa	aaaaaa	3176

<210> 8376  
 <211> 1615  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (44)...(1392)  
 <223> similar to gi4886449 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8376

ctgattacgc	ttagcttggc	acgacggggc	gcgctggccc	ctggggacgc	cgagggcggc	60
tgcgacgcgc	cgagaggccg	cggctctccc	acctgtcacc	ctggcccttc	tctgcttgga	120
tgggtgtcttc	ctctcctcag	ccgagaatga	cttcgtccac	cggatccagg	aggaactgga	180
ccgctttctg	ctgcagaagc	agctgtcaaa	ggttcttctt	ttccccccac	tctccagtcg	240
cctccggtac	ctgatccata	gaacagcaga	gaattttgat	ctcttgagca	gcttctccgt	300
tggggagggc	tggaagagga	ggacgggtcat	ctgtcaccag	gacatcaggg	taccagttc	360
ggatggcctc	tctggcccct	gccgcgctcc	tgctcctgc	cccagcaggt	accacgggtc	420
tcggcccatc	tccaaccaag	gagcagctgc	ggttccccga	ggtgcccggg	ctggccggtg	480
gtatcgtgga	cgcaagcctg	accagccttt	gtatgtgccc	cgggtgctgc	gcaggcagga	540
agaatggggg	ctgacctcta	cctcgggtgct	caagagagag	gccccagctg	gcagggaccc	600
agaagagcct	ggagatgttg	gtgctggaga	ccccaaactct	gatcaggggac	tccctgtgct	660
gatgactcag	ggaacagagg	acctaagagg	cccaggacaa	aggtgtgaga	atgagccact	720
gctggaccct	gttggccctg	agcctctggg	gcctgagagt	cagtcaggga	agggagacat	780
ggtggagatg	gccacacggg	ttgggtccac	cctgcagcta	gacctggaaa	aggggaagga	840
gagtctgttg	gagaagaggc	tgggtggcaga	ggaggaagag	gacgaagagg	aggtggaaga	900
ggatggcccc	agcagctgct	cggaggacga	ttacagttag	ctgctgcagg	agatcacaga	960
caacctgacg	aagaaggaga	ttcagataga	gaagatccat	ttggacacgt	cctccttcat	1020
ggaggagctg	cctggagaga	aggaccttgc	ccacgtggta	gagatctatg	actttgaacc	1080
agcgtcaag	acggaggacc	tgtctggcaac	gttttctgag	ttccaagaga	aggggttcag	1140
gattcagtgg	gtggatgata	ctcacgcact	cggcatcttt	ccctgccggg	cctcagctgc	1200
ggaagccctg	acccgggagt	tctcgggtgct	caagatccgg	cccctcacgc	agggaaacaa	1260
gcagtcaaag	ctcaaagcct	tgcagaggcc	aaaactcctg	cgtctggtga	aggagaggcc	1320
acagacaaat	gcgactgttg	cccggcggct	ggtggcccgg	gcctggggac	tccaacacaa	1380
aaagaaagag	cggcctgctg	tccgggggtcc	gctgccgccc	tgaggcctgg	agacccaact	1440
ggcctggatc	tgcgtcccga	cggtagctgg	cgcccccaac	accataagcc	ttcacagacg	1500
ccagagcagc	cccgcaccac	cctcgagctt	caccatgggg	tgtggtgggc	tttagtttag	1560
tcccagaaat	ggagaaaaaa	taaaaactca	cgttgtttcta	atgtgaaaaa	aaaaa	1615

<210> 8377  
 <211> 1143  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1144)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (865)...(496)  
 <223> similar to gi200539 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8377  
 tttttttttt ttagaagaca aaatgtttta ttttaaaaca ttgaaaaaac attaaaagac 60  
 aaatgtccat tatgtaacca ggaatgttaa atatatggaa acggtaaadc tctaaaatgt 120  
 ggtaggact tccagagcta aatgttgcaa gttatcctac ttttttctct aatatcaaca 180  
 atacctgata cgatgaaaaa taacaaaaag accttactaa ttatccaatc aaagtcacat 240  
 tctttgggta aatttatatc aacacaactt aaagttttgt ccaagatgtt cctgacacat 300  
 gaagcttcca gttgaatttc agaaatgtta acaaaagtat cttccttttt tgcctgtgaa 360  
 tgtttgagta ttgctgtatt gttggcttat atccactaca gatactgggt ctaggccagc 420  
 ccaaggatct tcaagcattg aaggcttgaa ataattttcc aactcattag acattctttt 480  
 ttctctaaca cgccctgac caaatggtgt agatgtcctt ggagaaccct ggggggtgggt 540  
 ctgctgctgc cctggggagt agccgaattg ctgctgggac cccgcggggg acctggagta 600  
 ggagccaggg tagccgccag gggacggaga cccgaaccgg ccccccggga agctgccgcc 660  
 gtgtcgcgga gagtgaactg tcccgtacgg cctagaccgg ggcccgtacg gcggcgtgtg 720  
 gtgcggactc ccgtaccgt ctgcagggga gggcgccgt ggtccgcccc cgcccggggt 780  
 tcccgggaag ctgcttcgcg taccccaacc tcctccacc ggaccagggt aaggaggagt 840  
 tgggggccga aaattctgtc gctgcatatc aggagccaaa gccgaaaacc tcgcagccgc 900  
 gttctccac cggaactgta tcaaccggcc ctccgcagag aactgctagt cctttacca 960  
 aacagtcctc cgaccgcagc caccctacgg cacatcagtt ccggcgtcac aaaggttccg 1020  
 ccaggggcgg cgggattacc taaatcactg acttggcgag agactcagtg gatttaagtg 1080  
 aaaagaggaa gaaaaggaga caggaaagga cggtcnccca agcccagcat catcctttcc 1140  
 agt 1143

<210> 8378  
 <211> 1125  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (568)...(670)  
 <223> similar to gi402205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8378  
 ctgctccatg agcaactggg aaattagttc aaagctctcc agggttttct tttattcatc 60  
 gaggaagaag cagggaagca ataaaatgaa aagaaacagc aaataattaa gactgacacc 120  
 atcccctcag tgccagccac ctactcacc caagtcttca tttaagtcag gaaataagat 180

tataaatgaa	gatttttttt	tcctctggca	acatgaatgc	aaagaaacat	ttccatcagc	240
acagagagat	cagcaggatg	cttatagaat	agaagactat	tcagtgcacag	ccaattcact	300
tgcaaattaa	gacacattca	ctgaagatgc	cctatatgtt	ccactaaaat	gttttttttt	360
ttgatatagg	gttgggggca	ggggtggttt	gttgcaggcc	actgtgtaca	catagcttat	420
ctgtcactcg	agatgaaaaga	gttcctgcaa	actaaccaga	gaacgttccc	caataccctg	480
tacattattg	gaattcatgg	aggggagaaat	tcaaaaggaa	gatggagtga	agactgaata	540
acacaaaact	gttctcttct	actttaagga	aaacccaaaa	gtgacactgt	ggattttcac	600
tgttctaagc	tccccgtgac	ctgtggtgag	gcgaaaaggga	ttttatataa	gaagaaaatg	660
aaacacggtg	agttccttgg	tcttctgctc	tttggaatcc	ctagatgaag	gactcactag	720
aagggaggaa	aatacccggtg	tgtgtaattg	atcaggaaat	ggaccctgct	agctagactg	780
cagaagaaac	gcttcttagg	aaggaaatttc	caaactcttc	cacatcatgg	tatttctggc	840
aatcagaccc	tccactccca	cctggaagtc	acccatgggc	cctgctgtac	tgacagccat	900
gtccttgctg	catgtaggca	ctacacgaat	gcacattctg	tcccacccct	caccactcag	960
tcaggcttta	gggctggctt	cagtccaaga	gaagaggccc	gcagactccc	ctgctactcc	1020
ttccacctca	cagaggaagt	ctctcttgac	ctggaaaggt	agaaggccac	aattaggatg	1080
aagaggttca	cgggtgaattc	acagaggatg	ggggtagatc	caaga		1125

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<210> 8379
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(769)
<223> similar to gi5852981 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8379						
gattattaaa	gcttcgccgg	agccgcggct	cgtccttcca	ctccgccagc	ctccgggaga	60
ggagccgcac	ccggccggcc	cgggcccagc	cccatggacc	tccgagcagg	ggactcgtgg	120
gggatgttag	cgtgcctgtg	cacggtgctc	tggcacctcc	ctgcagtgcc	agctctcaat	180
cgcacagggg	acccagggcc	tggcccctcc	atccagaaaa	cctatgacct	cacccgctac	240
ctggagcacc	aactccgcag	cttggctggg	acctatctga	actacctggg	cccccttttc	300
aacgagccag	acttcaacct	tccccgcctg	ggggcagaga	ctctgcccag	ggccactgtt	360
gacttgagag	tgtggcgaag	cctcaatgac	aaactgcggc	tgacccagaa	ctacgaggcc	420
tacagccacc	ttctgtgtta	cttgcggtgg	ctcaaccgtc	aggctgccac	tgctgagctg	480
cgccgcagcc	tggcccactt	ctgcaccagc	ctccagggcc	tgctgggcag	cattgcgggc	540
gtcatggcag	ctctgggcta	cccactgccc	cagccgctgc	ctgggactga	acccacttgg	600
actcctggcc	ctgcccacag	tgacttcctc	cagaagatgg	acgacttctg	gctgctgaag	660
gagctgcaga	cctggctgtg	gcgctcggcc	aaggacttca	accggtcaa	gaagaagatg	720
cagcctccag	cagctgcagt	caccctgcac	ctgggggctc	atggcttc		768

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<210> 8380
<211> 698
<212> DNA

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<213> Homo sapiens

<220>

<221> misc\_feature

<222> (141)...(701)

<223> similar to gi3402216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8380

cacagataaa	gataagtttt	actgtcatgc	tgcttttaac	ataacagagc	aacatcacct	60
aggaaaaaag	ttttagtagg	gatttttaaat	ccatataattt	gtcttatggc	tagataaaga	120
tttctctgaa	aaaaagaagc	atgtcaggaa	tctctgggtg	cccctttttc	ctctggggac	180
ttctagcatt	gttgggcttg	gctttgggta	tatcactgat	cttcaatatt	tcccactatg	240
tggaaaagca	acgacaagat	aaaatgtaca	gctactccag	tgaccacacc	agggttgatg	300
agtattatat	tgaagacaca	ccaatttatg	gtaacttaga	tgatatgatt	tcagaaccaa	360
tggatgaaaa	ttgctatgaa	caaagtgaag	cccgaccaga	gaaatctgta	aataagatgc	420
aggaagccac	cccatctgca	caggcaacca	atgaaacaca	gatgtgctac	gcctcacttg	480
atcacagcgt	taaggggaag	cgtagaaaagc	ccaggaaaca	gaatactcat	ttctcagaca	540
aggatggaga	tgagcaacta	catgcaatag	atgccagcgt	ttctaagacc	accttagtag	600
acagtttctc	cccagaaagc	caggcagtag	aggaaaacat	tcatgatgat	cccatcagac	660
tgtttggtg	gatccgtgct	aagagagaac	ctataaac			698

<210> 8381

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(1118)

<223> similar to gi403144 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8381

aattcccggg	tcgacgattt	cgtggccgctc	atggcgcccc	gaaccctcgt	cctgctactc	60
tcggggggctc	tggccctgac	ccagacctgg	gcgggctctc	actccatgag	gtatttcttc	120
acatccgtgt	cccggccccg	ccgcggggag	ccccgcttca	tcgcagtggg	ctacgtggac	180
gacacgcagt	tcgtgcggtt	cgacagcgac	gccgcgagcc	agaggatgga	gccgcgggcg	240
ccgtggatag	agcaggaggg	tccggagtat	tgggacgggg	agacacggaa	agtgaaggcc	300
cactcacaga	ctcaccgagt	ggacctgggg	accctgcgcg	gctactacaa	ccagagcgag	360
gccggttctc	acaccgtcca	gaggatgtat	ggctgcgacg	tggggtcgga	ctggcgcttc	420
ctccgcgggt	accaccagta	cgcctacgac	ggcaaggatt	acatcgccct	gaaagaggac	480
ctgcgctctt	ggaccgcggc	ggacatggca	gctcagacca	ccaagcacia	gtgggaggcg	540
gcccattgtg	cggagcagtt	gagagcctac	ctggagggca	cgtgcgtgga	gtggctccgc	600
agatacctgg	agaacgggaa	ggagacgctg	cagcgcacgg	acgcccccaa	aacgcatatg	660
accaccacc	ccatctctga	ccatgaagcc	accctgaggt	gctgggccct	gagcttctac	720
cctgcggaga	tcacactgac	ctggcagcgg	gatggggagg	accagacca	ggacacggag	780

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ctcgtggaga ccaggcctgc aggggatgga accttccaga agtgggcggc tgtggtggtg      840
ccttctggac aggagcagag atacacctgc catgtgcagc atgaggggtt gcccaagccc      900
ctcaccctga gatgggagcc gtcttcccag cccaccatcc ccatcgtggg catcattgct      960
ggcctgggtt tctttggagc tgtgatcact ggagctgtgg tcgctgctgt gatgtggagg     1020
aggaagagct cagatagaaa aggagggagt tactctcagg ctgcaagcag tgacagtgcc     1080
cagggtctct atgtgtctct cacagcttgt aaagtgtgag acagctgcct tgtgtgggac     1140
tgagaggcaa gagttgttcc tgcccttccc tttgtgactt gaagaacctt gactttgttt     1200
ctgcaaaggc acctgcatgt gtctgtgttc gtgtaggcat aatgtgagga ggtggggaga     1260
ccaccccacc cccatgtcca ccatgacctt cttcccacgc tgacctgtgc tccctcccca     1320
atcatctttc ctgttccaga gaggtggggc tgaggtgtct ccatctctgt ctcaacttca     1380
tggtgcactg agctgtaact tcttccttcc ctattaaaaa tagaacctta gtataaattt     1440
actttctcaa attcttgcca tgagagggtg atgagttaat taaaggagaa gattcctaaa     1500
at ttgagaga caaaataaat ggaagacatg agaaccttcc aaaaaaaaaa     1549

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<210> 8382
<211> 1192
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(406)
<223> similar to gi2995181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8382
agtttgtagc ggacaacatg gcggccttca tgctgggctc gctgctgcgg acgttcaagc      60
agatggttcc ttcatacagc tcaggccaag ttcgaagtca ctatgtagac tggagaatgt     120
ggcgcgatgt gaagagacga aaaatggcct atgaatacgc agatgagagg ctacgtatta     180
attcaactcag gaagaatacc attttgccaa aaattcttca ggatgtggct gatgaagaaa     240
ttgctgacct ccccggggat agctgtcctg ttagaatcag aaatcggtgt gttatgacgt     300
cccgctccgc tggtgtgaag cggcgctgga ggcttagtcg tatagtcttc cgtcacttag     360
ctgaccatgg gcaactttct gggatccagc gagcgacatg gtaaatagagc tccagaacct     420
attgagcttg cagggaagcc aagcttgcag ttccagcaag caaagatttt ttttaataga     480
ccaaacccta atctctacag gggcccagta cagttgtttg gcctacctga tgctatctct     540
aaactacttt taaaatgaag acatttgggt gtttcgtgtc agtgaattat cttttctctt     600
ggacttaaca aacatactgt tcccatacat agtacaaga gtagcataat aaatattttc     660
tgtgaatgtt ttttataccc tccttttaag tttaatcttt tagtaacata taggggtttt     720
tgtattaaga gcattatttc ataaaatgct atcttataca taatccaact aattgacatg     780
tagctcatgt atggcagttt gtaatcctgg actagctttg ctgacctgca gagctccctt     840
taactattat tgtagataa acagattgga tagcaaggct gctgttcttg attatctaata     900
gctccacttc ttcttgtgat ggctgaacaa aagaacctact aagtgttttc ttgtccatcc     960
ttaagggact ttaaaacaaa ttatgcctct ttaagtcctt gaaagtctcc atctaagagag    1020
gaaaagtttg ttggaacagt atatattccc tattttbcat ggttatttaa tccataacag    1080
aaatgagtaa gggtagcaca aagttctcat tcagtaactc aacagtgtga tcatcagccc    1140
agtgataaaa atatacatat tgaatgvgvg tacctactta ccatcaggaa at          1192

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<210> 8383  
 <211> 1681  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (226)...(986)  
 <223> similar to gi2852604 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8383

atcagagcat	tagatcttgc	tggagatcct	acaagctata	agactttgca	gaaatgtcct	60
tctacagaac	cagaagaaaa	aggaaatatc	gtggaagaac	agccccagaa	aaataccacg	120
gagaaattgg	gtgtgtcagc	tcccaccata	cccgtagaa	ggcggctggc	ttgggataca	180
gagaacacaa	gtgaagacgt	acagaaacag	cccggggaga	aagaggagga	ggacgacaat	240
gaagaggaag	gggacaggaa	aacgggcaag	caggctttta	tgggagagca	agagaagttg	300
gatgtacatg	agaaatctaa	ggcagataag	atgaaagaag	ggtcagattc	ttctgtatcc	360
tcagaaaaag	gaggccggct	tcctactccc	aagctgagag	aacttggtgg	aatccagagg	420
actcatcatg	atctcactac	tccagctggt	ggtggtgctg	ttttagtgtc	tccatctaag	480
atgaagcctc	cagccccaga	acagaggaaa	agaatgacct	ctcaggattg	tttagaaact	540
tcaaagaatg	attttactaa	gaaagaaagt	cgtgctgtat	ccctactgac	ttctccagct	600
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aaatttgctg	aggcaactct	tccagtttca	aaaattccaa	aatacccaac	aaatccccct	720
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cagttacctc	aacatgaagc	ctttaatgat	gaagatgagg	acagattgtc	tgagatttct	900
gctcgctctg	cagcttctag	tctccgggct	tttcaaactc	tggcacgagc	taagaaaagg	960
aaggagaatt	tctggggtaa	aacataaacc	tagctgagtt	gcctttatct	aaggaaacat	1020
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cattttctac	tttgaaatat	ttaatttcca	atagaacagt	ttacttggaa	attgttaaca	1140
taggcttata	caaattttaac	ttttaagaa	ttctttttac	atctatccca	gagtacaaag	1200
acctagatta	ttgaattctt	cacatgtaac	tttcgtaata	ggtgtcatgg	atagattttc	1260
acctatccag	agagtattct	aaaaaaataa	acaaagtga	gtaaaagtta	agatcccagt	1320
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ttttccttat	ttatgtaacg	aaagtttgct	gaaagatatg	tatatTTTTg	atctttgagt	1560
gtattctatt	tgtgtaagga	ctttggctta	catttgaata	atgtctagat	tttgaaaaat	1620
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c						1681

<210> 8384  
 <211> 3730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature



<222> (3413)...(343)  
 <223> similar to gi219942 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8384

tttttttttt	ttccattata	atagccatct	ttattttgtaa	aaatccagat	ataaaatgta	60
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ccccgctgtc	atttccacag	atggatgggt	ttcaggcagc	cctccccctt	ccccccatag	180
agctacatgc	ttcattccag	gacgtcttgc	ttccccacat	gctgcgggtg	tttccctacca	240
gggtagagtt	ccaaactcca	agactgaagt	acacaaagag	ggggtgggtg	tcggatgcag	300
agtgtgtggc	ctgatgctcc	acggcgtgca	ggacgggggg	ctaatagtag	gtttccttct	360
ccaccagacc	gccagggcgt	cgctgatga	tgagttttct	gacttcgtca	tatacgaaga	420
tgagaagaga	gtaggggaag	gcacagaacc	accaggtagg	tttgagggga	tacatcctaa	480
gagcaacacc	cattccaggg	cagtaggaaa	ggaaagcagc	cagggtgtgc	tcttcaaaga	540
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agccgttctc	agccagaatc	acaaagtaag	taaagaagcc	tcccaggggc	tggatcattc	840
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gaacctatgc	agtgcccaag	tcaatgcaga	ggatggtgac	agtccccagt	ggtagtggaa	1020
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aagcaatgga	ttctttcaag	ttatcaaaga	tcagacgacc	ttcctctact	ccagtcacaa	1140
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cagcaatccc	catagcaacc	ccaatgtctg	ctttcttcaa	agctggagag	tcattcacac	1260
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tctgctgagg	ggaggtcctg	gcaaacacta	tctcagtgtg	gtacttcaaa	atgtcatcca	1380
gctgctcgga	ggtcatgtcc	tttagatcac	tgccgtgtac	tacgcaggcc	ttggcatccc	1440
tgggggttcac	ctggctgact	gggatgttga	ggcgggcagc	aatgtcttcc	acggtctcat	1500
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aacggtctag	gaccccttct	ggggcgccct	tcatacccaa	cagggtgttg	ggctccgatg	1920
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cgattttggc	gtatctttct	ctcatctcct	tcacggaaac	acagcacagc	tctatgcact	2040
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cctggttagc	ctgaaacact	gccctgttac	aaagacctgc	aattctggac	agagcaagcc	2160
aggtagctga	agtcttgtca	aaagagacac	cactctgatt	ctctgtcgta	tcagcttcat	2220
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ttttatcaga	gcagatgggt	gacgtggacc	ccaaggctct	cacagcttct	aagttcttca	2340
ctaagcagtt	tttcttggcc	atgcgttttg	cagtaagtgt	cagacagacc	gtgacagtgg	2400
ccagcaaacc	ttccggcaca	ttggctacga	tgataccgat	gaggaagatg	acagcctcaa	2460
gccaggtgta	ctcaaggatg	agagaaagga	tgaagaaaga	cacaccaggg	aacacagcca	2520
caccctgtgat	gatgtggata	aaatgttcaa	tttctgcagc	aatgggggtc	tggcctcctt	2580
ccagcccaga	agcaagtgtg	gcaattcttc	ccatcacagt	gcgatcccca	gtgtagacaa	2640
caataccacg	tgcggtgcct	tcaacacaat	ttgttgaaaa	gaaggcaatg	ttcctcgtct	2700
ccaggggggt	ttcattttgtg	aaatctggag	acctagtctg	gggttctgat	tcaccagtga	2760
gcgaggagtt	atccaccttg	cagccatttg	cagatatgat	tctgagggtc	gcaggaattc	2820
ggtctcctcc	ttttacttcc	accagatccc	caaccacaac	ttcctccgca	tttatgctca	2880
ttttctcacc	atttcgaatc	acaagggtct	gctgaggggac	catgtttttg	aaggattcca	2940

tgatctttga	acttttagct	tcttgatagt	aggagaagca	accagttatg	attacaacgg	3000
ctgatagcac	cacacccagg	tacagattat	cgttttgagg	ttcctcttct	gtagcagctt	3060
ggatgctata	agccaagaaa	caaagaatcg	ctccaatcca	cagtaacatt	gagaaccccc	3120
caaagagctg	ccgacaaaac	ttgatccatt	caggagtagt	gggaggggga	gtgagggcgt	3180
tgggaccatc	tcgcgccagg	atctcagctg	cacgagcaga	tgtaataccc	cggctcaagt	3240
ctgttccata	tttacgatga	agttcatcaa	ggctaagttt	atgatcatcc	atagaaactt	3300
ctttcttcag	ttcatccatg	tccctgtctt	ttttgccctt	tttgcccttt	ttatcacctt	3360
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ctcccggccg	agcgagcggg	accaggggag	ccaagtggag	ggagctaggg	ctgccgcggg	3540
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gcccgggctc	gtaccgctgt	tgccacgtgt	ccgttcctct	caagatgctt	tcgaacagca	3660
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ttaagaattc						3730

<210> 8385  
 <211> 1517  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (1340)...(300)  
 <223> similar to gi34388 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8385						
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gacttatctc	tattatacac	agttataata	taaaaatgat	ttaaaaggta	tatttttcag	180
catgtaggta	gctacactgt	aatcctgttg	aagaaacttt	cctattttaag	cttataggat	240
gaaaatatat	aattaaaagtc	ttctgatcat	agcttgagac	catcaaggga	atgttttagtt	300
tcctccacaa	agagccacca	ggatttttct	ataatctcct	ttggtttcat	ccaggatggc	360
ttggcaaagg	gagataccat	acatcttctg	atagaatgct	ttgatatcat	tcatgtcaat	420
ttcagaacgg	gaaaccataa	tcctgatcaa	tgcccttatg	cgagttccaa	cacctttcat	480
ggcttgatga	agcttctctg	caaagaaagc	tggttttgct	gtggcgcact	tcacgatagc	540
tgtgaggcat	ttctcaatgt	cacctttcaa	ctccagggtc	agaactttgt	tcatgtcatg	600
cttactgtac	ttggtgtatt	tctgaaacac	tctgcgaagt	tgtggatagc	ttctggtggt	660
aaggatggta	ttgaacacgt	ttacgtctgt	cccctttctc	ctttctcctg	cttcatacaa	720
ggccctggca	tctgaatcag	ccaagtcttc	attcacacca	aagtcctcag	atcggtcacc	780
cttagcaaga	gaaagcaaag	cgttccgaaa	atctccagat	gtgtctgagg	ttatgtcttt	840
ggccagatct	ctcttcagtt	cctctctgta	gaccctgtta	atgtctctga	tttctttggt	900
agttcttgat	gccaaaatct	caattagagt	atcttcatca	gttccaaggc	ccttcattggc	960
agcacgaagt	tcacatcagc	caaattgcgc	tggagttttt	agcagagcta	aaacaacctc	1020
ctcaagggtga	cctgtaaggg	ctttcttcag	tgtttcatcc	aggggctttc	ctgtttcctg	1080
gagatatgct	gctttgatct	gttgacgctg	tgcattgttt	cgcttagtta	gaatgtcaat	1140
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ggatggattg	aaggtaggat	aggggctcac	cgctgatccg	ggaccacctt	tggatgactt	1260
cacagtttga	acatatctct	gctcttcatt	ttcaataaac	caggcctgct	tgaggaattc	1320
tgataccatt	gccatttttg	aaaaagtgtc	tttatctcta	ccttcttgca	aagaactaaa	1380

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gagaaattct tctctgaaga ttccacactg gcagtggaga cttgggcttc tgattttata 1440
ggatttttaa ggaagccaca cctagcaacc agaagttagt aattggctgc cttctgtttg 1500
aagtacatgg ctcagct 1517

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<210> 8386
<211> 1256
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (50)...(808)
<223> similar to gi386988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8386
ggtggaattc cccccccagc gggcgcgggc cggagcacgg gcacccagca tgggggtact 60
gctcacacag aggacgctgc tcagtctggt ccttgcactc ctgtttccaa gcatggcgag 120
catggcggct ataggcagct gctcgaaaga gtaccgctg ctcttggcc agctccagaa 180
gcagacagat ctcatgcagg acaccagcag actcctggac ccctatatac gtatccaagg 240
cctggatggt cctaaactga gagagcactg cagggagcgc cccggggcct tccccagtga 300
ggagaccctg aggggggctg gcaggcgggtg ctctctgcag accctcaatg ccacactggg 360
ctgcgtcctg cacagactgg ccgacttaga gcagcgctc cccaaggccc aggatttggg 420
gaggtctggg ctgaacatcg aggacttggg gaagctgcag atggcgaggc cgaacatcct 480
cgggctcagg aacaacatct actgcatggc ccagctgctg gacaactcag acacggctga 540
gcccacgaag gctggccggg gggcctctca gccgcccacc cccacccctg cctcggtatgc 600
ttttcagcgc aagctggagg gctgcagggt cctgcatggc taccatcgct tcatgcactc 660
agtggggcgg gtcttcagca agtgggggga gagcccgaac cggagccgga gacacagccc 720
ccaccaggcc ctgaggaagg ggggtgcgcag gaccagacc tccaggaaag gcaagagact 780
catgaccagg ggacagctgc cccggtagcc tcgagagcac cccttgccgg tgaaggatgc 840
ggcaggtgct ctgtggatga gaggaacct cgcaggatga cagctcccgg gtcccccac 900
ctgttcccc ctgctactag ccactgagaa gtgcacttta agaggtggga gctgggcaga 960
ccctctacc tctccaggc tgggagacag agtcaggctg ttgcgctccc acctcagccc 1020
caagttcccc aggccagtg ggggtggcgg gcgggccacg cgggaccgac ttccattga 1080
ttcaggggtc tgatgacaca ggctgactca tggccgggct gactgcccc ctgccttgct 1140
ccccaggcc tgcgggtcct tccctctcat gacttgacag gccgttgccc ccagacttcc 1200
tcctttccgt gtttctgaag gggaggtcac agcctgagct ggcctcctat gcctca 1256

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<210> 8387
<211> 500
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (143)...(427)

```

<223> similar to gi2407950 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8387  
 tttcgtggag gagtttcagc ggatgcagat tctttctctg tcacccaggc tatagtgtgc 60  
 aggggcacga tctcagctca ctgcaacctc cacctcccgg gttcaagtga ttctcctatc 120  
 tcagcttccc tagtagctgg gattacaggc tcagctcctg gaactccgga caaacaacta 180  
 ccagctttca gatgaactac gcaagaatgg tgttgaactc accagtcttc gacagaaggt 240  
 cgcctacttg gataaggagt tcagcaaagc tcagaaggca ctgagcaaga gcaagaaagc 300  
 tcaggaagtc gaggtattgc tgagtgaata tgagatgctg caggcaaagc tgcacagcca 360  
 ggaggaggac ttccgtttgc agaacagcac actaatggcc gagttcagca agctctgcag 420  
 ccagatggaa cagctggagc aagagaacca gcaactgaag gagggggctg caggagcagg 480  
 gggtgcccac gctgggcccg 500

<210> 8388  
 <211> 2325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (77)...(1565)  
 <223> similar to gi37187 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8388  
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 gagaaggcca gaaaccatgc ccatggggtc tctgcaaccg ctggccacct tgtacctgct 120  
 ggggatgctg gtcgcttctt gcctcggacg gctcagctgg tatgaccag atttccaggc 180  
 aaggctcacc cgttccaact cgaagtgccg gggccagctg gaggtctacc tcaaggacgg 240  
 atggcacatg gtttgacagc agagctgggg ccggagctcc aagcagtggg aggaccccag 300  
 tcaagcgtca aaagtctgcc agcggctgaa ctgtgggggt cccttaagcc ttggcccctt 360  
 ccttgtcacc tacacacctc agagctcaat catctgtctg ggacaactgg gctccttctc 420  
 caactgcagc cacagcagaa atgacatgtg tcaactctctg ggcctgacct gcttagaacc 480  
 ccagaagaca acacctccaa cgacaaggcc cccgccacc acaactccag agcccacagc 540  
 tctctccagg ctgcagctgg tggcacagtc tggcggccag cactgtgccg gcgtggtgga 600  
 gttctacagc ggcagcctgg ggggtaccat cagctatgag gccaggaca agaccagga 660  
 cctggagaac ttctctgca acaacctcca gtgtggctcc ttcttgaagc atctgccaga 720  
 gactgaggca ggcagagccc aagaccagg ggagccacgg gaacaccagc ccttgccaat 780  
 ccaatggaag atccagaact caagctgtac ctccctggag cattgcttca ggaaaatcaa 840  
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 tcagtgggca gccctgtgtg acagctcttc agccaggagc tcgctgcggt gggaggaggt 1020  
 gtgccgggag cagcagtgtg gcagcgtcaa ctccatcga gtgctggacg ctggtgacct 1080  
 aacatcccgg gggctcttct gtccccatca gaagctgtcc cagtgccacg aactttggga 1140  
 gagaaattcc tactgcaaga aggtgtttgt cacatgccag gatccaaacc ccgaggcct 1200  
 ggccgcaggc acggtggcaa gcattatcct ggccctggtg ctctggtggt tgctgctggt 1260

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cgtgtgcggc ccccttgcct acaagaagct agtgaagaaa ttccgccaga agaagcagcg 1320
ccagtggatt ggcccaacgg gaatgaacca aaacatgtct ttccatcgca accacacggc 1380
aaccgtccga tcccatgctg agaaccacac agcctccac gtggataacg aatacagcca 1440
acctcccagg aactcccgcc tgtcagctta tccagctctg gaaggggctc tgcacgctc 1500
ctccatgcag cctgacaact cctccgacag tgactatgat ctgcatgggg ctgagaggct 1560
gtaaaagaact gggatccatg agcaaaaagc cgagagccag acctgtttgt cctgagaaaa 1620
ctgtccgctc ttcacttgaa atcatgtccc tatttctacc ccggccagaa catggacaga 1680
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gctgctcacc tgagcacaaa gacagctctg cacattcacc gcagctgcca gccaggggtc 2160
tgggtgggca ccacctgac ccacagcgtc accccactcc ctctgtctta tgactccct 2220
ccccaacccc ctcatctaaa gacaccttcc tttccactgg ctgtcaagcc cacagggcac 2280
cagtgcacc cagggccctg cacaagggg cgcctagtaa acctt 2325

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<210> 8389
<211> 1519
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (405)...(1318)
<223> similar to gi5817855 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8389
ccccgggtcga cgatttcgtg agaagtgagg ctgagtgagg tggggctctg agggatccag 60
gtgggagggg cccagccagc caaggtcagg cccagcccc caaggtcagg cccagcccc 120
cggcaggagg acggggaccg cggccttttg gcagggctga cttggcactg accacaaggg 180
aggccctttt gcaatagggg aaaataagcc agatggataa aggaagtgtt ggtcaccttg 240
gaggtgcact ggtttgggga aggctcctgg cccccacagc cctcttcgga gcctgagccc 300
ggctctcctc actcacctca acccccaggc ggcccccca cagggccctt ctctgcctg 360
gacggctctg ctggtctccc cgtcccttg agaagaacaa ggccatgggt cggccctgc 420
tgctgcccc actgcccctg ctgctgccgc cagcatttct gcagcctagt ggctccacag 480
gatctggctc aagctacctt tatgggtca ctcaaccaa acacctctca gcctccatgg 540
gtggctctgt ggaaatcccc ttctccttct attacccttg ggagttagcc acagctcccg 600
acgtgagaat atcctggaga cggggccact tccacaggca gtccttctac agcacaaggc 660
cgcttccat tcacaaggat tatgtgaacc ggctcttct gaactggaca gagggtcaga 720
agagcggctt cctcaggatc tccaacctgc agaagcagga ccagtctgtg tatttctgcc 780
gagttgagct ggacacacgg agctcaggga ggcagcagtg gcagtcctatc gaggggacca 840
aactctccat caccaggtg gtcacgacca ccaccagag ggtcacacag ggcaaacgac 900
cctggaggct cagtagcaca accaccacaa ccggcctcag ggtcacacag ggcaaacgac 960
gctcagactc ttggcacata agtctggaga ctgctgtggg ggtggcagtg gctgtcactg 1020
tgctcggaat catgattttg ggactgatct gcctcctcag gtggaggaga aggaaagggtc 1080
agcagcggac taaagccaca accccagcca gggaaccctt ccaaaacaca gaggagccat 1140

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atgagaatat	caggaatgaa	ggacaaaata	cagatcccaa	gctaaatccc	aaggatgacg	1200
gcacgtctta	tgcttccctt	gcctctctca	gctccacctc	acccagagca	cctcccagcc	1260
accgtccctt	caagagcccc	cagaacgaga	cctgtactc	tgtcttaaag	gcctaacca	1320
tggacagccc	tctcaagact	gaatgggtgag	gccaggtaca	gtggcgacaca	cctgtaatcc	1380
cagctactct	gaagcctgag	gcagaatcaa	gtgagcccag	gagttcaggg	ccagctttga	1440
taatggagcg	agatgccatc	tctagttaaa	aatatatatt	aacaataaag	taacaaattt	1500
aaaaaaaaaa	aaaagggggg					1519

<210> 8390  
 <211> 2195  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (47)...(1591)  
 <223> similar to gi3341996 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8390						60
cagggcagcc	ttcagttctga	ttcaggagaa	cgaggctctc	ttcaccatgt	gcttcacccc	120
cctgggtctgc	tggtatcgtgt	gcactggact	gaaacagcag	atggagagtg	gcaagagcct	180
tgcccagaca	tccaagacct	ccaccgcggt	gtacgtcttc	ttcctttcca	gtttgctgca	240
gccccgggga	gggagccagg	agcacggcct	ctgcgcccac	ctctgggggc	tctgctcttt	300
ggctgcagat	ggaatctgga	accagaaaat	cctgtttgaa	gagtccgacc	tcaggaatca	360
tggtactgcag	aaggcgggat	tgtctgcttt	cctgaggatg	aacctgttcc	aaaaggaagt	420
ggactgcgag	aagttctaca	gcttcaccca	catgactttc	caggagttct	ttgccgccat	480
gtactacctg	ctggaagagg	aaaaggaagg	aaggacgaac	gttccagggg	gtcgtttgaa	540
gcttcccagc	cgagacgtga	cagtccttct	ggaaaactat	ggcaaattcg	aaaaggggta	600
tttgattttt	gttgtagctt	tcctcttttg	cctggtaaac	caggagagga	cctcctactt	660
ggagaagaaa	ttaagttgca	agattttctca	gcaaatacag	ctggagctgc	tgaaatggat	720
tgaagtgaag	gccaaagcta	aaaagctgca	gatccagccc	agccagctgg	aattgttcta	780
ctgtttgtac	gagatgcagg	aggaggactt	cgtgcaaagg	gccatggact	atttcccca	840
gattgagatc	aatctctcca	ccagaatgga	ccacatggtt	tcttcctttt	gcattgagaa	900
ctgtcatcgg	gtggagtcac	tgtccctggg	gtttctccat	aacatgccca	aggaggaaga	960
ggaggaggaa	aaggaaggcc	gacaccttga	tatggtgcag	tgtgtcctcc	caagctcctc	1020
tcattgctgcc	tgttctcatg	gattggggcg	ctgtggcctc	tcgcatgagt	gctgcttcga	1080
catctccttg	gtcctcagca	gcaaccagaa	gctggtggag	ctggacctga	gtgacaacgc	1140
cctcgggtgac	ttcggaatca	gacttctgtg	tgtgggactg	aagcacctgt	tgtgcaatct	1200
gaagaagctc	tggttggtga	attctgcctt	acgtcagttc	gttggttcagc	tttgtcctcg	1260
gtactcagca	ctaatacagaa	tctcacgcac	ctttactgcg	aggcaacact	ctcggagaca	1320
agggatcaaa	ctactctgtg	agggactctt	gcaccccgac	tgcaagcttc	aggtgttgga	1380
attagacaac	tgcaacctca	cgtcacactg	ctgctgggat	ctttccacac	ttctgacctc	1440
cagccagagc	ctgcgaaagc	tgagcctggg	caacaatgac	ctgggogacc	tgggggctcat	1500
gatgttctgt	gaagtgtctga	aacagcagag	ctgcctcctg	cagaacctgg	ggttgtctga	1560
aatgtatttc	aattatgaga	caaaaagtgc	gttagaaaca	cttcaagaag	aaaagcctga	1620
gctgaccgtc	gtctttgagc	cttcttggtg	ggagtggaaa	cggggctgcc	agacgccagt	1680
gttctccggt	ccctccagct	ggggggcctc	aggtggagag	agctgcgac	catccaggcc	1740
aagaccacag	ctctgtgatc	cttccgggtg	agtgtcggag	aagagagctt	gccgacgatg	1800
ccttcctgtg	cagagcttgg	gcattctcct	aacgccccgg	gtgaggaaga	caccaggaca	

atggacagcc	atcgggtggt	gttcctcatc	acagcgcctt	cagttagagg	atgttcctct	1860
tggtgacctc	atgtaattag	ctcattcaat	aaagcacttt	ctttattttt	ctcttctctg	1920
tctaactttc	tttttcctat	ctttttttct	tctttgttct	gtttactttt	gctcatatca	1980
tcattcccgc	tatcttttcta	ttaactgacc	ataacacaga	actagttgac	tatatattat	2040
gttgaaattt	tatggcagct	at ttat ttat	ttaaaatttt	tgtaatatgt	ttgttttcta	2100
ataagaaaaa	tccatgcttt	ttgtagctgg	ttgaaaattc	aggaatatgt	aaaacttttt	2160
ggtatttaat	taaattgatt	ccttttctta	at tttt			2195

<210> 8391  
 <211> 1761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (206)...(1406)  
 <223> similar to gi950412 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8391						
acgtccgtg	gggtctgcaa	tggccacctt	tagccgccag	gaatttttcc	agcagctact	60
gcaaggetgt	ctcctgccta	ctgcccagca	gggccttgac	cagatctggc	tgctccttgc	120
catctgcctc	gcctgcccgc	tcctctggag	gctcgggttg	ccatcctacc	tgaagcatgc	180
aagcaccgtg	gcaggcgggt	tcttcagcct	ctaccacttc	ttccagctgc	acatgggttg	240
ggtcgtgctg	ctcagcctcc	tgtgctacct	cgtgctgttc	ctctgccgac	attcctccca	300
tcgaggcgtc	ttcctatccg	tcaccatcct	catctaccta	ctcatgggtg	agatgcacat	360
ggtagacacc	gtgacatggc	acaagatgcg	aggggcacag	atgattgtgg	ccatgaaggc	420
agtgtctctg	ggcttcgacc	tggaccgggg	cgagggtggg	acgggtgccct	cgccagtggg	480
gttcatgggc	tacctctact	togtgggcac	catcgtcttc	gggccctgga	tatccttcca	540
cagctaccta	caagctgtcc	aaggccgccc	actgagctgc	cggtggctgc	agaagggtgg	600
ccggagcctg	gcaactggccc	tgtgtgtgct	tgtgtgtgct	acttgcgtgg	gcccctacct	660
cttcccgtac	ttcatccccc	tcaacgggtga	ccgcctcctt	cgcaacaaga	aacgcaaagc	720
caggggcacc	atggttaagg	ggctgcgagc	ctacgagagt	gctgtctcct	tccacttcag	780
caactatttt	gtgggctttc	tttccgaggc	cacggccacg	ttggcggggg	ctggcctttac	840
cgaggagaag	gatcacctgg	aatgggacct	gacggtgtcc	aagccactga	atgtggagct	900
gcctcgggtca	atggtggaag	ttgtcacaag	ctggaacctg	cccatgtctt	attggctaaa	960
taactatggt	ttcaagaatg	ctctccgcct	ggggaccttc	tcggctgtgc	tggtcaccta	1020
tgcagccagc	gccctcctac	atggcttcag	tttccacctg	gctgcggtcc	tgctgtccct	1080
ggctttttatc	acttacgtgg	agcatgtcct	ccggaagcgc	ctggctcgga	tcctcagtgc	1140
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ggtgcgagcc	ttaaacttgc	tctttggagc	tctggccatc	ttccacctgg	cctacctggg	1260
ctccctgttt	gatgtcgatg	tggatgacac	cacagaggag	cagggctacg	gcatggcata	1320
cactgtccac	aagtggtcag	agctcagctg	ggccagtcac	tgggtcactt	ttggatgctg	1380
gatcttctac	cgtctcatag	gctgaggcac	atctgtggac	cctcataacc	ctcttaagac	1440
ccctctcagg	gtgccactga	tgggggatga	gggaaggccc	tctctctact	ccttgacccc	1500
ctccatcctt	gacccccaac	acctcaacac	acacacacac	aaaatcacac		1560
cattttcatg	cctgtcaatc	ccccccccac	cacaaggcag	gaaggggggtg	gtgcctgctg	1620
gggcttagag	ggggatgctt	ggggaaacag	agaagggggg	atccaggggc	tccccgcctt	1680
ccttcttctt	ttttatatac	aatttgttat	tgtcaaataa	aagtaggaaa	tattcaaaaa	1740
aaaaaaaaaag	ggggggggccg	t				1761

00468723.01.100

<210> 8392  
 <211> 1803  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (52)...(796)  
 <223> similar to gi3661527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8392							
gagcccagcc	gagcgctccgc	cgctgcccgt	gcgcctctgc	gcctccgcgc	catggccggc		60
ctcaactccc	tggaggcggg	gaaacgcaag	atccaggccc	tgcagcagca	ggcggacgag		120
gcggaagacc	gcgcgcaggg	cctgcagcgg	gagctggacg	gcgagcgcga	gcggcgcgag		180
aaagctgaag	gtgatgtggc	cgccctcaac	cgacgcatcc	agctcgttga	ggaggagttg		240
gacagggctc	aggaacgact	ggccacggcc	ctgcagaagc	tggaggaggc	agaaaaagct		300
gcagatgaga	gtgagagagg	aatgaagggt	atagaaaacc	gggccatgaa	ggatgaggag		360
aagatggaga	ttcaggagat	gcagctcaaa	gaggccaagc	acattgcgga	agaggctgac		420
cgcaaatacg	aggaggtagc	tcgtaagctg	gtcatcctgg	agggtgagct	ggagagggca		480
gaggagcgtg	cggagggtgc	tgaactaaaa	tgtggtgacc	tggaagaaga	actcaagaat		540
gttactaaca	atctgaaatc	tctggaggct	gcatctgaaa	agtattctga	aaaggaggac		600
aaatatgaag	aagaaattaa	acttctgtct	gacaaactga	aagaggctga	gacccgtgct		660
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cttgcccagg	ccaaagaaga	gaacgtgggc	ttacatcaga	caactggatca	gacactaaac		780
gaacttaact	gtatataagc	aaaacagaag	agtcttggtc	caacagaaac	tctggagctc		840
cgtgggtctt	tctcttctct	tgtaagaagt	tccttttgtt	attgccatct	tcgctttgct		900
ggaaatgtca	agcaaattat	gaatacatga	ccaaatattt	tgtatcggag	aagctttgag		960
caccagttaa	atctcattcc	ttcccttttt	ttttcaaatg	gcaccagctt	tttcagctct		1020
cttatttttt	ccttaagtag	cattttattcc	taaggtaggc	agggtatttc	ctagtaagca		1080
tactttctta	agacggaggc	cattttggttc	ctgggagaat	aggcagcccc	acactttgaa		1140
gaatacagac	cccagtatct	agtcgtggat	ataattaaaa	cgctgaagac	cataaccttt		1200
tgggtcaact	gttgggtcaaa	ctataggaga	gaccagggac	catcacatgg	gtagggattt		1260
tccatccaga	gccaataaaa	ggactggtgg	gggcgggggg	tggctattgt	gggaagtcac		1320
aaccacaga	tagatcaacc	taagaatcct	ggcccttctc	cactctccac	catgcaggac		1380
aaacatcttc	tcaagcagtc	aacgtagaat	gcttgggaaa	tagtcataat	taccacata		1440
tagtaattaa	tagatggtaa	ttaattgatc	cttgatgtga	tgttcttttg	catatttcct		1500
tcattctaaa	gttggtccct	ggccggggagc	gttggttttc	gcctgtaatc	ccaacacttt		1560
gggaggccag	gacagatcac	ttgaggtcag	gagttcgaga	ccagcccagc	caacatggcg		1620
aaacatgtc	tctactaaaa	atacaaaaat	tatggtgacg	cctgcctgta	gtcccagcta		1680
ctcgggaggc	tgaggcagga	ggatcgcttg	aaccaggaa	gtggagactg	cagtgaaggc		1740
atatcgacc	acagcgctcc	agcctggtcg	acagagttag	actccatctc	aagaaaaaaa		1800
aaa							1803

<210> 8393



<211> 2176  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1779)...(656)  
 <223> similar to gi4689266 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8393  
 ccaaaaaatct acttgccctaa attgtttgta tgagcttttg gaatatattg atagttacag 60  
 acaattcagt gaaacttaga ggcaaccaca caatcacgag tatctgtaag tattcagttt 120  
 tcaaactgaa cagggtcac acccgtcaga caccagaaa gaataaggac aaatcccttg 180  
 tttattatta aaaactcata taggatgctt ttttataga tacacagtta actatgtaca 240  
 aaataaaaaa aaggaaaacc aatctactaa aatatattaa ctctaagaaa atcagatctt 300  
 attcctgttt ctccatacta ggcataatta ttttcaaagc tatacaatac gaagtttatc 360  
 agtcttatct gtttgccata acatcattat gaattttctc ttttaaaaat ggcaataaca 420  
 agtgacttat gttctaataa aatttgatc acagctagca aatgaaagac tatgagactc 480  
 aatcactttt aatcattaag tttgtgttag tctttattaa aaacaaaaaa taactaaaat 540  
 ttcagacagc gatgtacata atatatataa gaatataccc aaaaaagtaa atttctacca 600  
 ccctcgca gcaaaaattt caatgggtta ttctatacca aatccaagtg tttacatcca 660  
 agatgtcaca gaggtaactt ccttttgtag cttattgagc tctggaaaca gttcctgtat 720  
 cacaatgtcc aataaaacat aagtcagctg cttgttgagt actggttgct gtaagccatc 780  
 aaacagaagt ctgatgcttt catacttggt ttcttcacca atacacttga ctaacagatc 840  
 tggaatgtaa ttcattcatt ctctaaaagt ctgttttgct cctttttgct tatcttgagg 900  
 agagcgaggt tcagtgtttt cacagaatat agcatctctg agaagtgtta tgagttagac 960  
 caaacggtgc tctgaaata gctgttctag tttactga agatagtaat cagtatacat 1020  
 ttccagggtg tttttaaaga ggttcgagt tccattaa agatgatgaa gccagtcagg 1080  
 aacctggaaa actaccgctc ctacatacat caggtaatca tagactcctt ctacagtcatt 1140  
 cacctccata aaataattct gattttgctt tctctctgta ttttcagcac gggttgcat 1200  
 atttttaaac agatcattga aaagcttctt gttgttttct gaagtagggc tgagaatggt 1260  
 cagttctggt ctacttggtt taggcttttg agactcacia gaattaatga aattcatgat 1320  
 aaaagggttc aaatgctgac ctttctcttt cattagtttt ccaggaacag attttataat 1380  
 tttccaaga tttacatctg gtagtatctt atcaagaaat tgtgtttccc caccattagg 1440  
 ggaaagaaag tctgccagaa gttgactatt actcagttct ggatgctgca gaagtttctg 1500  
 tagatattct tggaactctt ccctctttga cttaagaat tcataatttt tggggccaat 1560  
 gatcctctta gaaggaagct gggcatcagg aaatgcacca tgaaattctg ttagttttga 1620  
 ttcaagtaca tagaattcaa gatatcttct atagacagac caatgttcag gctcgtgtcc 1680  
 aactgctctt ctatcatttc tttcaacatc aatacaaaac acaggaattc tttctttttt 1740  
 ctcttcctt tcagaggagg gatcctcaaa aaagtctaca tatggaatgc taattttcca 1800  
 tgcagcaagg tttcggggag tattaggtgt gctcacagcc tccactggag aatcatcttc 1860  
 cattacaaca ataccttctt caataaaatc atcttcacct tcagctacac cataattagg 1920  
 caacatagct ccctccattg tgggtacttt gaatactcct ttaattttgc tacctattct 1980  
 gctgattcca aatgattctc cctttttctg tgtgttccga aatcatcca aacttaggct 2040  
 acctctgttc aattttgaat tgcgtgttg tgattctgcc cctcttaaaa gttgtctgaa 2100  
 atactcatcc ctatggcaga acataggagt aaatacatc tccaaaaggg aaagaacatg 2160  
 ttcatatgct cggacg 2176

<210> 8394

<211> 2312  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (180)...(1862)  
 <223> similar to gi4884130 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 8394
acgctccgga atttctcggg tcgacgattt cgtcagggag catgattgat gccaacctga      60
aattgctgca ggaagctgag caacgtctca aagccattgt ggcagagaag tttgccattg     120
ccaccaagga aggtgatttg ccccaggtgg agcgcttctt caagatcttc ccaactgctgg     180
gtttgcatga ggagggatta agaaagttct cggagtagct ttgcaagcag gtggccagta     240
aagctgagga gaatctgctc atggtgctgg ggacagacat gagtgatcgg agagctgcag     300
tcactcttgc agatacactt actcttctgt ttgaagggat tgcccgcatt gtggagaccc     360
accagccaat agtgagagacc tattatgggc cagggagact ctataccctg atcaaatac     420
tgcaggtgga atgtgacaga caggtggaga aggtggtaga caagttcatc aagcaaaggg     480
actaccacca gcagttccgg catgttcaga acaacctgat gagaaattct acaacagaaa     540
aaatcgaaac aagagaactg gaccccatcc tgactgaggt caccctgatg aatgcccgca     600
gtgagctata cttacgcttc ctcaagaaga ggattagctc tgatttttag gtgggagact     660
ccatggcctc agaggaagta aagcaagagc accagaagtg tctggacaaa ctccctcaata     720
actgcctttt gagctgtacc atgcaggagc taattggctt atatgttacc atggaggagt     780
acttcatgag ggagactgtc aataaggctg tggtctgga cacctatgag aagggccagc     840
tgacatccag catggtggat gatgtcttct acattgttaa gaagtgcatt gggcgggctc     900
tgtccagctc cagcattgac tgtctctgtg ccatgatcaa cctcgccacc acagagctgg     960
agtctgactt cagggatggt ctgtgtaata agctgcggat gggctttcct gccaccacct    1020
tccaggacat ccagcgcggg gtgacaagtg ccgtgaacat catgcacagc agcctccagc    1080
aaggcaaatt tgacacaaaa ggcacgcaga gtactgacga ggcgaagatg tccttctctg    1140
tgactctgaa caacgtggaa gtctgcagtg aaaacatctc cactctgaag aagacactgg    1200
agagtgactg caccaagctc ttcagccagg gcattggagg ggagcaggcc caggccaagt    1260
ttgacagctg cctttctgac ttggccgccc tgtccaacaa attccgagac ctcttgagg    1320
aagggtgac  ggagctcaac agcacagcca tcaagccaca ggtgcagcct tggatcaaca    1380
gctttttctc cgtctcccac aacatcgagg aggaagaatt caatgactat gagggccaacg    1440
acccttgggt acaacagttc atccttaacc tggagcagca aatggcagag ttcaaggcca    1500
gcctgtcccc ggtcatctac gacagcctaa ccggcctcat gactagcctt gttgccgtcg    1560
agttggagaa agtgggtgctg aaatccacct ttaaccggct ggggtgtctg cagtttgaca    1620
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agtttgcccg gctctcccag atggccacca tectcaatct ggagcgggtg accgagatcc    1740
tcgattactg gggacccaat tccggcccat tgacgtggcg gacgtgaaga tatcaagagg ctgcgcctgt    1860
gccaggtgct ggccttgctg atagacttcc gcagtgaaga acacttgag gcctgttccc taaggggccc    1920
agctgcctgg atgagcacac ctggctcatc acacttgag gcctgttccc taaggggccc    1980
cagccaagga gctgagcgag gctgtcgggc ttgggggaga tctgacagcc cagacctttc    2040
tacggctggc agcagagaaa caaagtctgg acccaactcca tgctctgccc tcagacctgg    2100
ccaggtgatg ctctgggggc agcatctccc caccgagaga agcgggctcc taatgagggtg    2160
ggaaaagccac ggcaggcagc gagcagccca ggccagcttt ctgcatggat ggtcagttct    2220
ttgcctcaa  aactacagc aaacaagcta cccctgccag tcctagacaa cttgggtaca    2280
tctggggacc tagcagttag gcttgacttt gaggagaggg tgtgatgttt atgatccctg    2312
aataaagcta ctcttggag agaaaaaaaa aa

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CCAGGCTGCA

<210> 8395  
 <211> 2840  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (1278)...(1811)  
 <223> similar to gi5738523 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8395  
 gcgagggcgtt ctccgcgggc agccggcggc ggggccttgc cttacagcgc ggggtcctcg 60  
 gcggcctggg tggctactgc ccctgctgct gtcgtaggcg aggacggctg ttagtgctgc 120  
 tgctgttggg tcgtcgcggc ggcgaggag gagggagagc gacaagagaa 180  
 gaaggaggca ggcgcggcgg cagcgcggcg gccccgagcc ggcggaggcg agggggggga 240  
 agatggcgga cgtgcttagc gtcctgcgac agtacaacat ccagaagaag gagattgtgg 300  
 tgaagggaga cgaagtgatc ttcggggagt tctcctggcc caagaatgtg aagaccaact 360  
 atgttggttg ggggactgga aaggaaggcc aaccagaga gtactacaca ttggattcca 420  
 ttttatttct acttaataac gtgcacctt ctcacctgt ttatgtccga cgtgcagcta 480  
 ctgaaaatat tctgtggtt agaagacctg atcgaaaaga tctacttgga tatctcaatg 540  
 gtgaagcgtc aacatcgga agtatagaca gaagcgctcc cttagaaata ggtcttcagc 600  
 gatctactca agtcaaacga gctgcagatg aagttttagc agaagcaaag aaaccacgaa 660  
 ttgaggatga agagtgtgtg cgccttgata aagagagatt ggctgcccgt ttggagggtc 720  
 acaaagaagg gattgtacag actgaacaga ttaggtcttt gtctgaagct atgtcagtg 780  
 aaaaaattgc tgcaatcaaa gccaaaatta tggctaagaa aagatctact atcaagactg 840  
 atctagatga tgacataact gcccttaaac agaggagtgt tgtggatgct gaggtagatg 900  
 tgacccgaga tattgtcagc agagagagag tatggaggac acgaacaact atcttcaaaa 960  
 gcacaggaaa gaatttttcc aagaacattt ttgcaattct tcaatctgta aaagccagag 1020  
 aagaagggcg tgcacctgaa cagcgacctg ccccaaatgc agcacctgtg gatcccactt 1080  
 tgcgcaccaa acagcctatc ccagctgcct ataacagata cgatcaggaa agattcaaag 1140  
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 tgaaatctgt aacggagggt gcatctgccc ggaagactca gactcctgca gccagccag 1260  
 taccaagacc agtttctcaa gcaagacctc ccccaaatca gaagaaagga tctcgaacac 1320  
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 ttctacagga cctgaaattt gtcccatcag atgaaaagaa gaaacaaggt tgtcaacgag 1440  
 aaaatgaaac tctaatacaa agaagaaaag accagatgca accagggggc actgcaatta 1500  
 gtgttacagt accttataga gtagtagacc agccccttaa acttatgcct caagactggg 1560  
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 ggtacatggt aaagcataaa tcgcacttga gattctgaat tatttggctc ctccatttct 1860  
 ggaaattgag actcaagctt tatgaattta tcaagaactt aaaaatgaag aaggtcacag 1920  
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 ccatataagc aaactttttg gcttacaact atttttttaa tattagcctt ctagtctgta 2040  
 atggaaattg tatattttga tagaagtttt ttctccattg gttaaattag cattacttaa 2100  
 aatttgtttc tttagaaaat aaatgcagggt tataaatgtg tgtatatatta gagattataa 2160  
 ggctctctga gcccatcttc tggatttttc catggctcct ataaattctt tttactggaa 2220  
 aatactatgt ttatgaatgg tattaaattt tagtcctctg gaacatccca aaacccaagc 2280  
 aaagggatgt gactattttg aatgaatcag aatgtcaact tgtatgtaca ctatatctac 2340  
 acttactcat ttttataaaa gaataatgaa aaatctagat caattcttca atttgattga 2400  
 actgttcagc cttttcaaga tttttttatt tacaatgat tacattttaa tgaatgtaca 2460

CC45323 "01.00

ttcttctcac	tgactttggt	gattttgaaa	cctagaatga	tgtgtttcta	tctgtaatat	2520
ctttccattt	gaaaaaaatc	tcaaaacaca	gattaaaacc	acaataggct	gtagtatttt	2580
ttattttggg	agccagagta	tgattttggg	gaagaatatg	tatcagccct	attgcagtat	2640
aactttaagc	tccttttctc	tttagtccac	ttttgattgt	aatttttatg	gtataggatt	2700
ttgaatcttc	tatttttaggc	ttgtcagctc	tggagttcct	atcttccatt	atccctaaat	2760
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gaaaaacact	ggtatttttg					2840

<210> 8396  
 <211> 1630  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (94)...(1097)  
 <223> similar to gi3947712 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8396						60
gaattcccgg	gtcgacgatt	tcgtggcagt	caggcctccc	cgctctgtgc	tacctgcggc	120
ccggctctcc	tccgcgcccc	cactcgcgct	gcgatgacgc	gctcactgtt	caagggaaaac	180
ttttggagtg	cagacatcct	cagcaccatc	ggctatgaca	acattatcca	acatctgaac	240
aatggccgca	agaactgcaa	agagtttgaa	gactttctaa	aagaaagggc	agcaattgaa	300
gagaggtagt	gcaaagatct	gctcaacctc	tctaggaaga	agccgtgtgg	acagtctgaa	360
atcaacaccc	tgaagcgggc	ccttgaagtc	ttcaagcagc	aagtagacaa	tgtggcacaa	420
tgtcacattc	agcttgacaa	gagtttaaga	gaagaggcca	ggaagatgga	agaattcagg	480
gaaaagcaaa	aactacaacg	aaaaaagaca	gagctcataa	tggatgctat	ccataaacia	540
aagagcttac	aattcaagaa	aaccatggat	gcaaagaaga	actatgagca	gaaatgccgg	600
gacaaagatg	aggcagaaca	ggccgctcagc	cggagtgcga	acctggtgaa	cccgaagcaa	660
caagaaaagc	tttttgtgaa	actggcaact	tcaaagaccg	cagtagagga	ctcagacaaa	720
gcatacatgc	tgacatcgg	caccctggat	aaggtccgag	aagagtggca	gagtgaacac	780
atcaaggcct	gagaggcatt	tgaggctcaa	gaatgtgaac	gaataaactt	cttccggaat	840
gcattgtggt	tacatgtgaa	tcagctgtca	caacaatgtg	tcaccagtga	tgaaatgtac	900
gaacaagtcc	gaaagagttt	agaaatgtgc	agcattcaga	gggacattga	atactttgtg	960
aatcaacgca	aaactggaca	gattccacca	gcacccatca	tgtatgagaa	tttctactcc	1020
tcccagaaga	atgcagtccc	agcaggaaaag	gctacagggc	ctaacttggc	aaggagagga	1080
cccctcccaa	ttcctaaaag	ctcaccagat	gatcccaatt	actctttggg	tgatgactac	1140
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ttgaagtga	cccttgctat	aatttttttag	agatttaaaa	tttatggtag	acatttagga	1320
caacataagc	aagtagagtt	ctgcagtttt	ttgaagttaa	caaattgccc	cattctgaag	1380
aattattctt	tcccagttac	tcagggttatg	aatgaattag	gttttcaaca	tgggaagcat	1440
gaaatccact	tctggatttg	gagcatccac	ttgaggagca	gaggtggcag	cagaggattc	1500
tgagccacca	actgcagtag	tggtcccttt	ggctttgggc	agcctggctg	tggagtttcc	1560
acggcgacac	acagcctcag	tggtgcaaga	tttaaaatta	ccttcccttt	tggtctggaag	1620
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tgtgaaatta						

<210> 8397  
 <211> 1950  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (53)...(1586)  
 <223> similar to gi3875246 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8397

cgactggcct	tgaggggagag	ctggggcctg	ctcccggaga	gatacggcta	tgatgatcga	60
aatcgaatct	tcggatgtga	tccgccttat	tatgcagtac	ttgaaggaga	acagttttaca	120
tcgggcgtta	gccaccttgc	aggaggagac	tactgtgtct	ctgaatactg	tggaacagcat	180
tgagagtttt	gtggctgaca	ttaacagtgg	ccattgggat	actgtgttgc	aggctataca	240
gtctctgaaa	ttgccagaca	aaaccctcat	tgacctctat	gaacagggtg	ttctggaatt	300
gataagcttc	cgtgaattgg	gtgctgccag	gtcacttttg	agacagactg	atccccatgat	360
catgttaaaa	caaacacagc	cagagcgata	tattcatctg	gagaaccttt	tggaacaggtc	420
ttactttgat	cctcgtgagg	catacccaga	tggaagtagc	aaagaaaaga	gaagagcagc	480
aattgcccag	gccttagctg	gcgaagtcag	tgtggtgcct	ccatctcgtc	tcatggcatt	540
gctgggacag	gcactgaagt	ggcagcagca	tcagggttgc	cttcctcctg	gtatgaccat	600
agattttgtt	cgaggcaagg	cagctgtcaa	agatgtggaa	gaagaaaagt	ttcctacaca	660
actgagcagg	catattaagt	ttgggtcagaa	atcacatgtg	gagtgtgctc	gattttctcc	720
agatggtcag	tattttgtca	ctgggtctgt	tgatggattc	attgaagtat	ggaactttac	780
tactggaaaa	atcagaaaag	atcttaagta	ccaggcccaa	gataacttta	tgatgatgga	840
tgatgctgtc	ctctgcatgt	gtttcagcag	agatacagaa	atgttagcaa	ctggggccca	900
agatggaaaa	atcaaggtgt	ggaagattca	gagtggacaa	tgtttaagga	gatttgagag	960
ggcacacagt	aagggtgtca	cctgtctaag	cttttctaag	gatagcagtc	agatccttag	1020
tgcttctttt	gaccagacaa	ttagaattca	tggtttaaaa	tctgggaaaa	ccctgaagga	1080
atttcgtggc	cattcctcct	ttgttaacga	agcaacattt	acacaagatg	gacattacat	1140
tattagtgea	tcctctgatg	gcactgtaaa	gatctggaat	atgaagacca	cagaatgttc	1200
aaataccttt	aaatccctgg	gcagcaccgc	agggacagat	attaccgtca	acagtgtgat	1260
tctacttcct	aaaaaccctg	agcactttgt	ggtgtgcaac	agatcaaaca	cgggtggcat	1320
catgaacatg	caggggcaga	ttgtcagaag	cttcagttct	ggtaaaaagag	aaggtgggga	1380
ctttgtttgc	tgtgccctct	ctccccgtgg	tgaatggatc	tactgtgtag	gggaggactt	1440
tgtgctctac	tgtttcagta	cagtcactgg	caaactggag	agaactttga	cagtgcacga	1500
gaaggatgtg	attggtattg	cacatcaccc	tcatacagaac	ctgattgcta	cctacagtga	1560
agatggactc	ctaaagctct	ggaaaccata	attcaacttt	tcttttttaa	tcagctcgaa	1620
agcatgtact	taaatgaagc	atattcatgt	aatgtgcttt	tttttttttt	tgcccccttt	1680
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aaaaccacc	cccctttttt	ttttaaaaaa	ttttaagggg	attaatttat	tttttttaaa	1800
gggggggcac	ccttaagggg	ttcaaaaaac	ccccccccgg	gaaggggaaa	accggatttt	1860
ttaaaaaaa	aattcccccc	ccctttttat	tggaaagggg	gggggaaagg	cccccccaa	1920
aaaaaaactt	ggaaaaaagg	aacttttcat				1950

<210> 8398

<211> 1535  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (114)...(722)  
 <223> similar to gi857682 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8398

tttcgtcgcg	tggacccgaa	agccgctggg	aaaagtttac	ccaaggtcca	gcctagcccc	60
taggcaccat	gtcggacagt	gatctaggtg	aggacgaagg	cctcctctcc	ctggcgggca	120
aaaggaagcg	cagggggaac	ctgcccgaag	agtcggtgaa	gatectccgg	gactggctgt	180
acttgcaccg	ctacaacgcc	taccctcag	agcaggagaa	gctgagcctt	tctggacaga	240
ccaacctgtc	agtgtgcaa	atatgtaa	ggttcatcaa	tgcccgccgg	cggcttctcc	300
cagacatgct	tcggaaggat	ggcaaagacc	ctaatacagt	taccatttcc	cgccgcgggg	360
gtaaggcctc	agatgtggcc	ctccccctgt	gcagcagccc	ctcagtgtgt	gctgtgtctg	420
tcccagcccc	caccaatgtg	ctctccctgt	ctgtgtgtct	catgccgctt	cactcaggcc	480
agggggaaaa	gccagcagcc	cctttccac	gtggggagct	ggagtctccc	aagccccctg	540
tgacccttgg	tagcacactt	actctgtgta	ccagggctga	ggctggaagc	cccacaggtg	600
gactcttcaa	cacgccacca	cccacacccc	cagagcagga	caaagaggac	ttcagcagct	660
tccagctgct	ggtggaggtg	gcgctacaga	gggctgtgta	gatggagctt	cagaagcagc	720
aggacccatc	actcccatta	ctgcacaact	ccatcccttt	agtctctgaa	aatccccagt	780
aggcatctgc	caagaagggt	gctgaaggct	ccagccagct	gtcctggggt	tccgttttgg	840
ttccctttca	tacagagggt	tttctatgga	tcactgcca	acattgggat	catctcctct	900
gtccagaggt	cttcaacagg	aagatgccag	ctggcaccac	tgactgtgta	tgggggccct	960
ctcctctgct	gactctgccg	tttctccagg	cctccgctca	gtgatgagac	caagagatcg	1020
gagacaagca	tggtgctgct	gcttctgtgt	cttctccaga	aaatccctgg	gacacctttg	1080
ttccagcctg	gtttccctgg	ctgggctcag	gaaagctgcc	aaattcagtc	ctatgtttgg	1140
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gtgaacaaaa	gaaaagagga	acccagtgga	tgtaacagaa	ccgactccag	ttgaatgttt	1260
agatttttgc	taaaactcgt	ttctttttcc	cttttttgct	gtggtttgca	ttcacggcag	1320
tagttagccc	aggtgtgggg	aacgagagtg	caactgcatga	tagcgttctg	gtgagctggg	1380
aaggacccca	ccactgccac	tgaggattgt	tttgggaaga	aggaatatatt	ttatcttggg	1440
gaccagctaa	gtctctgcag	tagtgtgaaa	ttccaaatgg	ttgttttatc	attgggttgg	1500
tttaccaaaa	aaaaggcagg	gaaaaaaaaa	aaaaa			1535

<210> 8399  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (226)...(884)  
 <223> similar to gi3859936 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



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<210> 8401
<211> 1141
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (162)...(1093)
<223> similar to gi5459204 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8401
tttcgtaagg tggactcgcg aatgttaggc ctgtgggtgc catagcgacc gggaggttgg      60
gctggccaga ttcagctgcc gggaccggac caggtgctta ggagaacatg cagtagaact      120
tttcatcaaa caaatggaac acgtcacaga attttgctaa catggacaac tctgcacaga      180
aaaatgaacg cactggcaaa catcccagac gtgccagtga agtacagaaa ggttttactg      240
ctgcataatcc aacacaatcc tccattcctt ttaaattctca agcttcagta atcccagaat      300
cagaaaaaaaa aggattcaat agtcaagcca agagatttcc tcataagaag aatgatatcc      360
caggacctgg gttctacaat gttattcacc agtcaccggg gtccaacagt gtctcattgt      420
ccaagaaagg aacttgcacg tttccctcga tgtgcgcccg attggacacc atcatttcta      480
aataccctgc agcgaacgca tacactatcc catcggattt tattccaag agagacttta      540
gtaattcgtg ttccagcatg ttccagttgc caagctttat gaaagctctc aagtttgaaa      600
ctcctgcacc aaactattac aatgcctctg tctcttgctg caagcagaga aacaacgtct      660
gtactcgagc cggggtttatg tcaaaaaacc aaagaggatc tttcgctttt gctgataaag      720
gacctcccc agggcattat tcaaaaaacc aatcccttgt gaagcagtcg ccaaatacat      780
taatgtcttg ttttaaatca aaaaccaacc gtggattaaa actgacgtca acaggcccgg      840
gacctgggta ttacaacccc agtgattgca caaaagtcc aaaaaagact cttttcccga      900
aaaaccccat cctgaacttc tctgctcagc cttcgcctct gcctccgaag ccacctttcc      960
caggctctgg tcagtatgag atcgtggact acttaggcc cgcgaagcat ttcattctcta      1020
gtgcatcatt cgtgtccaat accagccggg ggacagcggc gccgcctcag ccaggcctgc      1080
ctggcccagc tacgtacaag ccagagcttc caggaaagca gtccttcctc tactacgagg      1140
a

```

```

<210> 8402
<211> 1916
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (65)...(1027)
<223> similar to gi4038076 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



<400> 8402

accgcgcctt	ccggttcgac	gataccatgg	caggcggcgg	ctgcagggca	ggtccagggg	60
ccacatggct	gagggggacg	cagggagcga	ccagaggcag	aatgaggaaa	ttgaagcaat	120
ggcagccatt	tatggcgagg	agtgggtgtg	cattgatgac	tgtgccaaaa	tattttgtat	180
tagaattagc	gacgatatag	atgaccccaa	atggacactt	tgcttgcaag	tgatgctgcc	240
gaatgaatac	ccaggtacag	ctccacctat	ctaccagttg	aatgctcctt	ggcttaaagg	300
gcaagaacgt	gcggatttat	caaatagcct	tgaggaaaata	tatattcaga	atatcgggtga	360
aagtattctt	tacctgtggg	tgagagaaaat	aagagatgtt	cttatacaaa	aatctcagat	420
gacagaacca	ggcccatgat	taaagaagaa	aactgaagag	gaagatgttg	aatgtgaaga	480
tgatctcatt	ttagcatgtc	agccggaaaag	ttcgggttaa	gcattggatt	ttgatatcag	540
tgaaactcgg	acagaagtag	aagtagaaga	attacctccg	attgatcatg	gcattcctat	600
tacagaccga	agaagtactt	ttcaggcaca	cttgggtcca	gtggtttgtc	ccaaacaggt	660
gaaaatgggt	ctttccaaat	tgtatgagaa	taagaaaata	gctagtgcc	cccacaacat	720
ctatgcctac	agaatatatt	gtgaggataa	acagaccttc	ttacaggatt	gtgaggatga	780
tggggaaaca	gcagctggtg	ggcgtcttct	tcattctcatg	gagattttga	atgtgaagaa	840
tgtcatgggtg	gtagtatcac	gctgggtatg	agggattctg	ctaggaccag	atcgctttaa	900
acatatcaac	aactgtgcc	gaaacatact	agtggaaaag	aactacacaa	attcacctga	960
ggagtcattct	aaggcttttg	gaaagaacaa	aaaagtaaga	aaagacaaga	agaggaatga	1020
acattaatac	ctgaaactat	aggaaaagggt	aatttgccct	taattatata	tacattccat	1080
agtcatacaag	gaatatattg	tgcagagaga	gtatccttga	ctgcttaagt	cagccagttc	1140
agcatggata	ccaacattag	cttttcttct	tggttatatc	atctgccaaa	aatagagaac	1200
ttatgatcta	ttcatgtgtg	tttcaggctt	atttgggaga	actaatgtga	acttaatcac	1260
cacttcatct	aatttttagca	aggtaacagt	tgcccagggc	agtacctgga	attaactgtc	1320
catttcagta	catgtcaagt	gcctttgtta	ggtggagaag	aaatgtctct	agaggaatat	1380
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tgctctttat	ggcttatttg	aataggagct	catttaagat	tgatcttgga	gagtttcttc	1500
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caacataatt	gttagcataa	atattatgct	tcagtttctg	ttgcaaattg	gtgattgtga	1680
aattacagaa	agtgatcttc	tagtctgctt	tttttgttta	attcttgtaa	tgtaagcaat	1740
aaatatggag	tgctcagtag	ctccttccac	cccagaaatg	tggttggtga	acattctcgt	1800
ttcttttaac	aacctggaag	tacctttctt	gtgatcttca	ctgaggaatt	agaactatga	1860
tagaaggttag	gctgtggcaa	atgggacatt	cgtagagtgg	gatagagggtg	gcagat	1916

<210> 8403

<211> 1916

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (206)...(1762)

<223> similar to gi5059425 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 8403

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tctctgcgaa	aggaccaagc	cccagaagtc	actccatctc	ctacggctcg	caatttccag	180

aggccccctg	gcaccttcca	gcctgatgtc	gtgcgtaag	ttatggccca	gcggtgcccc	240
cgcccccttg	gtgtccatcg	aggaactgga	gaaccaggag	ctcgtcgga	aaggcggtt	300
cggcacagt	ttccgggcgc	aacataggaa	gtggggctac	gatgtggcgg	tcaagatcgt	360
aaactcgaag	gcgatatcca	gggaggtcaa	ggccatggca	agtctggata	acgaattcgt	420
gctgcgccta	gaaggggtta	tcgagaaggt	gaactgggac	caagatccca	agccggctct	480
ggtgactaaa	ttcatggaga	acggctcctt	gtcggggctg	ctgcagtcct	agtgcctcgt	540
gccctggccg	ctcctttgcc	gcctgctgaa	agaagtgggtg	cttgggatgt	tttacctgca	600
cgaccagaac	ccggtgctcc	tgcaccggga	cctcaagcca	tccaacgtcc	tgccggaccc	660
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taacgtaaac	cggaaggcct	ccacagccag	tgacgtctac	agcttcggga	tctaactgtg	840
ggcagtgcct	gctggaagag	aagttgagtt	gccaaaccgaa	ccatcactcg	tgtaagagc	900
agtgtgcaac	aggcagaacc	ggccttcatt	ggctgagctg	ccccaaaggc	ggcctgagac	960
tcccggttta	gaaggactga	aggagctaata	gcagctctgc	tggagcagtg	agcccaagga	1020
cagacctccc	tcccggaat	gcctaccaaa	aactgatgaa	gtcttccaga	tggtggagaa	1080
caatatgaat	gctgtgtct	ccacggtaaa	ggatttctctg	tctcagctca	agagcagcaa	1140
taggagattt	tctatcccag	agtcaggcca	aggagggaca	gaaatggatg	gctttaggag	1200
aaccatagaa	aaccagcact	ctcgtaatga	tgtcatgggt	tctgagtggc	taaacaaact	1260
gaatctagag	gagcctccca	gctctgttcc	taaaaaatgc	ccgagcctta	ccaagaggag	1320
cagggcacaa	gaggagcagg	ttccacaagc	ctggacagca	ggcacatctt	cagattcgat	1380
ggcccaacct	ccccagactc	cagagacctc	aactttcaga	aaccagatgc	ccagccctac	1440
ctcaactgga	acaccaagtc	ctggaccccg	agggaatcag	ggggctgaga	gacaaggcat	1500
gaactggtcc	tgcaggaccc	cggagccaaa	tccagtaaca	gggcgaccgc	tcgttaacat	1560
atacaactgc	tctgggggtgc	aagttagaga	caacaactac	tgtactatgc	aacagacaac	1620
tgccttgccc	acatggggct	tggcaccttc	gggcaagggg	aggggcttgc	agcaccccc	1680
accagatagg	tcgcaagaag	ggcctaagaa	tcctgaagcc	tggagcaggc	cacagggttg	1740
gtataatcat	agcgggaaat	aaagcacctt	ccaagcttgc	ctccaagagt	tacgagttaa	1800
ggaagagtgc	cacccttgga	ggccccgtac	ttccttctag	ggcagtcctg	cctgcccaca	1860
aactgacttt	gtgacctgtc	ccccaggagt	caataaacat	gatggaatgc	taaaaa	1916

```
<210> 8404
<211> 1849
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (63)...(1609)
<223> similar to gil050527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8404						
cacaggctga	gtgctgcggc	gcgatccttg	cttccttgag	cgttggcccg	ggaggaaaga	60
agatggtgct	ggatctggat	ttgtttcggg	tggataaagg	aggggaccca	gccctcatcc	120
gagagacgca	ggagaagcgc	ttcaaggacc	cgggactagt	ggaccagctg	gtgaaggcag	180
acagcgagtg	gcgacgatgt	agatttcggg	cagacaactt	gaacaagctg	aagaacctat	240
gcagcaagac	aatcggagag	aaaatgaaga	aaaaagagcc	agtgggagat	gatgagtctg	300
tccagagaa	tgtgctgagt	ttcgatgacc	ttactgcaga	cgcttttagct	aacctgaaag	360
tctcaaaaat	caaaaaagtc	cgactcctca	ttgatgaagc	catcctgaag	tgtgacgcgg	420
agcggataaa	gttggaagca	gagcggtttg	agaacctccg	agagattggg	aaccttctgc	480

```

acccttctgt acccatcagt aacgatgagg atgtggacaa caaagtagag aggatttggg 540
gtgattgtac agtcaggaag aagtactctc atgtggacct ggtggtgatg gtagatggct 600
ttgaaggcga aaagggggcc gtggtggctg ggagtcgagg gtacttcttg aaggggggtcc 660
tggtgttccct ggaacaggct ctcatccagt atgcccttcg caccttggga agtcggggct 720
acattcccat ttataccccc tttttcatga ggaaggaggt catgcaggag gtggcacagc 780
tcagccagtt tgatgaagaa ctttataagg tgattggcaa aggcagtga aagtctgatg 840
acaactccta tgatgagaag tacctgattg ccacctcaga gcagcccatt gctgccctgc 900
accgggatga gtggtcccg cgggaggacc tgcccatcaa gtatgctggc ctgtctacct 960
gcttccgtca ggaggtgggc tcccatggcc gtgacacccg tggcatcttc cgagtccatc 1020
agtttgagaa gattgaacag tttgtgtact catcaccca tgacaacaag tcatgggaga 1080
tgtttgaaga gatgattacc accgcagagg agttctacca gtccctgggg attccttacc 1140
acattgtgaa tattgtctca ggttctttga atcatgctgc cagtaagaag cttgacctgg 1200
aggcctggtt tccgggctca ggagccttcc gtgagttggt ctctgttct aattgcacgg 1260
attaccaggc tcgccggctt cgaatccgat atgggcaaac caagaagatg atggacaagg 1320
tgagatttgt ccatatgctc aatgctacca tgtgcgccac taccgtacc atctgcgcca 1380
tcctggagaa ctaccagaca gagaagggca tcaactgtgc tgagaaattg aaggagttca 1440
tgccgccagg actgcaagaa ctgatccct ttgtgaagc tcgccccatt gagcaggagc 1500
catcaaagaa gcagaagaag caacatgagg gcagcaaaaa gaaagcagca gcaagagacg 1560
tcaccctaga aaacaggctg cagaacatgg aggtcaccca tgcttgaaca ttctgcctc 1620
cctatttgcc aggcctttcat ttctgtctgc tgagatctca gagcctgccc aacagcaggg 1680
aagccaagca ccattcatc cccctgcccc catctgactg cgtagctgag aggggaacag 1740
tgccatgtac cacacagatg ttctgtctc ctgcgatggg catagggacc catcattgat 1800
gactgatgaa accatgtaat aaagcatctc tggggaggga aaaaaaaaaa 1849

```

<210> 8405

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1085)...(572)

<223> similar to gi5824649 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8405

```

tttttttttt ttgggagttg agattttaat atcataaadc ggtgtggggc cacacctctc 60
actgccaggc ccgtgggcct cctatcttca tattgcctgg aaggctgcct gcagccaggg 120
cttcccccat cccctaggaa ggatccagca ccagcctgag aaggagggca acagcagcta 180
aaggggtggg aggaggagga gacagaagca tgtgctgcag gcgcatgtgt gtatgtactt 240
acatgtgtga acacatataa agtgtcaggt ttacagaccc tggctcaagg acagtctagg 300
atgggaaagg aggtagggcg agaagaagca catattttct ccctggtgct tcagcctcac 360
cctatccaag ggacagacat atggggtgtg agaaacccat ccccagggtc cagccttcag 420
gactggagtc cttttgagtc tggtgagtc acagatccag tctttggggg aactgggtc 480
tgtctccttt tgaaagccct ggaaagggtg gaggtaagaa gtaaaggag acaggtccct 540
gctagaagaa cttgacgcct cgggccatcg ctgacagtga tgatctcggc cttgtgctcc 600
tgctgtaggg cctgcagagc ccgcagtaga gtggttcat ccagcccgtg gaactcctca 660
tcctctgtgt cttccccatt agtcagttca tacagggtaa agacggagtt gttctggcca 720
ctcctggaaa cccactgata gatgagtttc cccattctt ctggcctccg ccacatgatc 780
aggaagctgg acttgctctt atccaaccac tcgagggtcc ctttcttctt cagttcctct 840

```

aatacaatct	ggatcgactc	cacaggaagc	tttcgctgta	gcttgacgtt	gttgaagagc	900
gggctctcct	gagcttccat	caccgtcatg	ctggactgtt	tgtgcaggcg	gcagaaggac	960
aggaccagcg	agcaccaggc	ggccagctgc	ttctgccgag	tgtccacatt	cggttgtaac	1020
gtaaagaagg	gtgggaagcg	atactgccac	ggccactcga	aactcatcgc	catcgtagta	1080
gcccagcggg	cgcgtggg					1098

```

<210> 8406
<211> 2657
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(1579)
<223> similar to gi3879146 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8406						60
gcgcacgtgg	tacggaaccg	gcgccgcgct	tgctgctggt	aacagggcct	tgcctagtgg	120
gccttccttc	ccaggctgcc	cgtcagtctc	cactagagac	aggactgacc	agttgctctt	180
ccttccaaga	accttcgaga	tctgcggtct	ggggtctggt	tgaaagatgg	cggccctcac	240
taccctgttt	aagtacatag	atgaaaatca	ggatcgctac	attaagaaac	tcgcaaaatg	300
ggtggctatc	cagagtgtgt	ctgcgtggcc	ggagaagaga	ggcgaaatca	ggaggatgat	360
ggaagttgct	gctgcagatg	ttaagcagtt	ggggggctct	gtggaactgg	tggatatcgg	420
aaaacaaaag	ctccctgatg	gctcggagat	cccgtccct	cctattctgc	tcggcagggt	480
gggctccgac	ccacagaaga	agaccgtgtg	catttacggg	cacctggatg	tgcagcctgc	540
agccctggag	gacggtggg	acagcgagcc	cttcaccctg	gtggagcgag	acggcaagct	600
gcatgggaga	ggttcgactg	atgataaggg	cccgtgggcc	ggctggataa	acgccctgga	660
agcgtatcag	aaaacaggcc	aggagattcc	tgtcaacgtc	cgattctgcc	tcgaaggcat	720
ggaggagtca	ggctctgagg	gcctagacga	gctgattttt	gcccggaaaag	acacattctt	780
taaggatgtg	gactatgtct	gcattttctga	caattactgg	ctgggaaaga	agaagccctg	840
catcacctac	ggcctcaggg	gcattttgcta	ctttttcatc	gaggtggagt	gcagcaacaa	900
agacctccat	tctgggggtg	acgggggctc	ggtgcagtga	gccatgactg	atctcatttt	960
gctgatgggc	tctttggtgg	acaagagggg	gaacatcctg	atccccggca	ttaacgaggc	1020
cgtggccgcc	gtcacggaag	aggagcaca	gctgtacgac	gacatcgact	ttgacataga	1080
ggagtttgcc	aaggatgtgg	gggcgcagat	cctcctgcac	agccacaaga	aagacatcct	1140
catgcaccga	tggcgttacc	cgtctctgtc	cctccatggc	atcgaaggcg	ccttctctgg	1200
gtctggggcc	aagaccgtga	ttcccaggaa	ggtggttgcc	aagttctcca	tcaggctcgt	1260
gccgaacatg	actcctgaag	tcgtcggcga	gcaggtcaca	agctacctaa	ctaagaagtt	1320
tgctgaacta	cgcagcccca	atgagttcaa	ggtgtacatg	ggccacgggtg	ggaagccctg	1380
ggtctccgac	ttcagtcacc	ctcattacct	ggctgggaga	agagccatga	agacagtttt	1440
tggtgttgag	ccagacttga	ccagggaagg	cggcagtatt	cccgtgacct	tgacctttca	1500
ggaggccacg	ggcaagaacg	tcatgctgct	gcctgtgggg	tcagcggatg	acggagccca	1560
ctcccagaat	gaaaagctca	acagggtataa	ctacatagag	ggaaccaaga	tgctggccgc	1620
gtacctgtat	gaggtctccc	agctgaagga	ctaggccaag	ccctctgtgt	gccatctcca	1680
atgagaagga	atcctgccct	cacctcacc	ttttccaact	tgcccaggga	agtggaggtt	1740
ccctctttcc	tttccctctt	gtcagggtcat	ccatgacttt	agagaacaga	cacaagtgtg	1800
tccagctgtc	cacgggtgga	gctaccggtt	gggcttatga	gtgacctgga	gtgacagctg	1860
agtcaccctg	ggtaagttct	cagagtggtc	aggatggctt	gacctgcaga	agatacccaa	1920
ggtccaaaag	cacaaggtct	gcggaaagtt	ctggtgtctg	gctgggcacc	acgggtcaca	



<210> 8408  
 <211> 1467  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (146)...(1397)  
 <223> similar to gi4584877 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 8408  
 cggacgcgtg gggtcaccca gtcggctgga gtcggaggcg atatttctag ggggtgtactt 60  
 gttgggggtca gggtaagcac cagccacaaa aacctacaaa agaagggaag ttactgtctt 120  
 taaatatttaa aaaaaaacaa gatccatgag tgggcatcga tcaacaagga aaagatgtgg 180  
 agattctcac ccggagtcct cagtgggctt cgggcatatg agtactacag gatgtgtatt 240  
 aaataaattg tttcagttac caacaccacc attgtcaaga caccaactaa agcgggctaga 300  
 agaacacaga tatcaaagt ctggacgggc cctgcttgag cccttaatgc aagggtattg 360  
 ggaatggctc gttagaagag ttccctcctg gattgcccc aatctcatca ccatcattgg 420  
 actgtcaata aacatctgta caactatttt attagtcttc tactgcccta cagctacaga 480  
 gcaggcacct ctgtgggcat atattgcttg tgcctgtggc cttttcattt accagtcttt 540  
 ggatgctatt gatgggaaac aggcaagaag aaccaatagt agttctcctc tgggagaact 600  
 ttttgatcat ggctgtgatt cactatcaac agtttttgtg gttcttgga cttgtattgc 660  
 agtgcagctg gggacaaacc ctgattggat gttttttgtg tgttttgagg ggacatttat 720  
 gttctattgt gcgcactggc aaacgtatgt ttctggaaca ttgcatgttg gaataattga 780  
 tgtgactgaa gtgcaaatct tcataataat catgcatgtg ctggcagtga ttggaggacc 840  
 acctttttgg caatctatga ttccagtgtc gaatattcaa atgaaaattt ttctctgact 900  
 ttgtactgta gcagggacca tatttttctg tacaaattac ttccgtgtaa tcttcacagg 960  
 tgggtgttggc aaaaatggat caacaatagc aggaacaagt gtcctttctc cttttctcca 1020  
 tattggatca gtgattacat tagctgcaat gatctacaag aaatctgcag ttcagctttt 1080  
 tgaaaagcat ccctgtcttt atatactgac atttggtttt gtgtctgcta aaatcactaa 1140  
 taagcttgtg gttgcacaca tgacgaaaag tgaaatgcat ttgcatgaca cagcattcat 1200  
 aggtccggca cttttgtttc tggaccagta ttttaacagc tttattgatg aatatattgt 1260  
 actttggatt gccctggttt tctctttctt tgatttgatc cgctactgtg tcagtgtttg 1320  
 caatcagatt gcatctcacc tgcacataca tgtcttcaga atcaaggctc ctacagctca 1380  
 ttctaatacat cattaatgat gttaaattgg atataggaac atccatggtt ttctctgccg 1440  
 gaaagaaagg taacatatta agggagt 1467

<210> 8409  
 <211> 1425  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (224)...(674)  
 <223> similar to gi3642702 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 8409
ccccgggtcga ctattttcgtg ttgctgccat ggagtcagcc gggctagagc agctcctacg      60
ggagctgctg ctaccggaca ccgagcgcat ccgtcggggc acggaacagc tccagatcgt      120
tcttcggggc cccgccgctt tgctcggtct ctgcgacctg ctagcctcgg cggccgaccc      180
ccagatccgc cagtttgccg ccgtgctgac ccgcagacga ctgaacaccc gctggcgacg      240
gctggcgggc gagcaacggg agagcctcaa gtccctgac ctgacggccc tgcagagaga      300
aacagagcac tgtgtgagcc tcagcctggc ccagctctca gccaccattt ttcgaaagga      360
aggcttgagc gcctggccac agcttttgca gctgcttcag cacagtacc acagccccc      420
cagcccagag agagagatgg ggcttttgct gctaagtgtg gtggtgacct cccggcccga      480
ggccttccaa ccccaccacc gggagcttct tcggcttctg aatgagactc ttggtgaggt      540
gggctctcct gggtgctct tctactccct gcgcactctg accaccatgg ctccctacct      600
cagcactgaa gatgtgcctc tcgctcggat gttggtgccc aagctgatca tggccatgca      660
gactctgac cccatagatg aggcaaaggc ctgtgaggcc cttgaggctt tggatgaact      720
gttgagatca gaggtgccgg tcatcacccc ctacctctct gaagtcctca cattctgcct      780
ggaggtagct agaaatgtgg ccctgggcaa tgcgatacgc atacgtattc tctgctgcct      840
cactttcttg gtcaaagtca agagcaaggc cttactgaag aatcgtctcc tggcaaccct      900
tgctgcacac ctttttcccc attgtggctg ctgagccccc accaggccag ttggatcccc      960
aggaccaagg attcagaaga ggaagagtgt gagattgagc tgatggggga gactcccaag     1020
catttcgctg tacaagtgtt ggacatgctg gcactacacc tgccccccga gaagctctgt     1080
cccagctga tgcccatgtt ggaagaggct ttgcggagcg aggagcccat accagcgcaa     1140
agctggactc ctggtgctgg ccgtgctgtc tgacggagct ggcgaccaca tcaggcagag     1200
actgcttgcc ccacttgct tgcagattgt gtgcaagggc ctgggaggac ccctcgcaag     1260
ttgttaacga atgcttgcc ttgttttgcc ctgggccagt ttttcagaaa accttacagc     1320
cccatatcag cagctatttc aaggagggtg atgccactgc tctcgccta cttgaagtcg     1380
gtgcctattg gacacacaca ccacctagcc aaggcctgct gtatt                       1425

```

```

<210> 8410
<211> 4588
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (658)...(1421)
<223> similar to gi4884136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8410
ggggccgccc cgcgctcagg ctcagcttcg ctgcccggcc aggtagtgcc cgctggagct      60
cgcgcgctca tccggcacca ctccagggct ccaggctcct cgggcttcgg gagtgcgagc     120
gtggtggagt tggctcgggc tgaacttctt tcgggggggt gcctgtcctg gaatcgtgcg     180
acctttcctt tgccatcctt ctttttgca aagatgaatc cgggctcggc gccccctcgg     240
ctcccgcgcg ctgggcagca agtgatccac gtcacgcagg acctagacac agacctcgaa     300
gccctcttca actctgtcat gaatccgaag cctagctcgt ggcggaagaa gatcctgccg     360
gagtctttct ttaaggagcc tgattcgggc tcgcaactgc gccagtccag caccgactcg     420
tcgggcggcc acccggggcc tcgactggct gggggtgccc agcatgtccg ctgcactcg     480

```

tcgcccgcgt	ccctgcagct	gggcaccggc	gcgggtgcct	gcgggtagcc	ccgcgcagca	540
gcacgcgcac	ctccgccagc	agtcctacga	cgtgaccgac	gagctgccac	tgcccccg	600
gctggggaga	tgacccttca	cgggccactg	gccagaggt	acttcctcaa	tcacatagaa	660
aaaatcacca	catggcaaga	ccctaggaag	gcgatgaatc	agcctctgaa	tcatatgaac	720
ctccaccctg	ccgtcagttc	cacaccagtg	cctcagaggt	ccatggcagt	atcccagcca	780
aatctcgtga	tgaatcacca	acaccagcag	cagatggccc	ccagtaccct	gagccagcag	840
aaccacccca	ctcagaaccc	acccgcaggg	ctcatgagta	tgcccaatgc	gctgaccact	900
cagcagcagc	agcagcagaa	actgcggctt	cagagaatcc	agatggagag	agaaaggatt	960
cgaatgcgcc	aagaggagct	catgaggcag	gaagctgccc	tctgtcgaca	gctccccatg	1020
gaagctgaga	ctcttgcccc	agttcaggct	gctgtcaacc	cacccacgat	gacccagac	1080
atgagatcca	tcactaataa	tagctcagat	cctttcctca	atggaggggc	atatcattcg	1140
agggagcaga	gcactgacag	tggcctgggg	ttagggtgct	acagtgtccc	cacaactccg	1200
gaggacttcc	tcagcaatgt	ggatgagatg	gatacaggag	aaaacgcagg	acaaacaccc	1260
atgaacatca	atccccaaca	gacccgtttc	cctgatttcc	ttgactgtct	tccaggaaca	1320
aacgttgact	taggaacttt	ggaatctgaa	gacctgatcc	ccctcttcaa	tgatgtagag	1380
tctgctctga	acaaaagtga	gccctttcta	acctggctgt	aatcactacc	attgtaactt	1440
ggatgtagcc	atgaccttac	atttcctggg	cctcttgga	aaagtgatgg	agcaaagcaa	1500
gtctgcaggt	gcaccacttc	ccgcctccat	gactcgtgct	ccctcctttt	tatgttgcca	1560
gtttaatcat	tgcttggttt	tgattgagag	taacttaagt	taaacataaa	taaatattct	1620
attttcattt	tctgcaagcc	tgcgttcttg	tgacagatta	tacagaattg	tgtctgcagg	1680
attgattatg	cagaatactt	ttctctttct	tctctgctgc	cccatgggct	aagctttatg	1740
ggtgttaatt	gaaatttata	caccaattga	ttttaaacca	taaaaagctg	accacaggca	1800
gttacttctg	agggcatctt	ggtccaggaa	atgtgcacaa	aattcgacct	gatttacagt	1860
ttcaaaaact	gtattgatga	cagtagtacc	aatgcttta	aaaactattt	aacttgagct	1920
ttaaaaatca	ttgtatggat	agtaaaattc	tactgtatgg	aatacaatgt	aattttgaat	1980
ccatgctggc	tctgatggct	cttattagtc	tgtatttata	aaggcacaca	gtcctattgt	2040
agcttatctt	tcgttatttt	actgcagagc	atctagacaa	cttagtccct	ccagcgggaa	2100
agtgcagcga	gcagcattag	tcacagtctt	tacactacag	atcttgtgaa	agagaccagt	2160
ttgggtactaa	ttatgagcat	tttattcaaa	caaaagtttt	tgaaatatta	caactgggga	2220
tttaaaaaat	tgagcttag	aatctgatgg	tttttttttt	ttcttgatgt	tggttggttg	2280
tttttgaaat	cgagttttgc	tcttgttgtc	caggctggaa	tgcaagggca	caatttcggt	2340
taactgcaac	ctttgccttt	tgggttcaag	cgattctcct	gccttaccct	cccagtagc	2400
tgggattaca	ggcgctgcc	accacgtccg	gctaattttt	tgtattttga	gtagagacgg	2460
ggtttcacca	taatggtcag	gctgttctca	aactcctgat	ctcaggtgat	ccacccatct	2520
cggcctccca	aagtgcgtgg	attactggcg	tgagccaccg	cacccggcct	tgatgtttat	2580
tttataaagc	actgtaattt	tgtagctgat	gacaaaaggc	agccaaatgt	ttttgataaa	2640
tcagtggcaa	ctgtattttt	gtcttttgaa	ataactctga	aaacatcagg	acaacataga	2700
tttcaacctg	atagcacacc	acacacagtg	agctgttgct	ttttaaatc	tgaagccttg	2760
tcaggtttgc	ttcctagatt	tcaagtgttt	aaaataattc	tatctatgaa	actgaaggat	2820
gaagcagatc	tctgactgac	atgtaaaaaa	aaaatgccct	ttgagggtgt	atggtggaga	2880
taaatgtttc	tgaattcagt	aaaattgatt	cctaagtata	ttatccta	cctgtttgct	2940
acagttggta	taaaaaggca	tgaaatatgt	attcaatacc	tcttatgtaa	ccaaaacat	3000
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 Run with FASTXY 3.3t00, default parameters

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